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## SRPK1 (Phospho-Thr601) rabbit pAb

nucleus. KAT5/TIP60 inhibits its nuclear translocation.; [Isoform 1]: Cytoplasm. Nucleus matrix. Microsome. Mainly localized in the microsomal fraction and the cytoplasm, and to a lesser extent in the nuclear matrix.; Cytoplasm . Nucleus, nucleoplasm . Nucleus speckle . Chromosome . Preferentially localizes to the promoter of gene coding regionsTissue SpecificityIsoform 2 is predominantly expressed in the testis but is also present at lower		
Reactivity Human; Mouse;Rat   Applications WB   Gene Name SRPK1   Protein Name SRPK1 (Phospho-Thr601)   Immunogen Synthesized peptide derived from human SRPK1 (Phospho-Thr601) at   Specificity This antibody detects endogenous levels of SRPK1 (Phospho-Thr601) at   Formulation Liquid in PBS containing 50% glycerol, and 0.147% sodium azide.   Source Polyclonal, Rabbil,IgG   Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.   Dilution WB 1:500-2000   Concentration 1 mg/ml   Purity ≥90%   Storage Stability -20°C/1 year   Synonyms SRSF protein kinase 1 (EC 2.7.11.1) (SFRS protein kinase 1) (Serine/arginine-rich protein-specific kinase 1) (SR-protein-specific kinase 1)   Observed Band 74kD   Cell Pathway [Isoform 2]: Cytoplasm, Nucleus, Nucleus matrix, Microsome, Shuttles between the nucleus matrix, Microsome, Shuttles between the nucleus matrix, Cytoplasm, Nucleus matrix, Microsome, Shuttles between the nucleus matrix, Cytoplasm, Nucleus matrix, Cytoplasm, Nucleus matrix, Microsome, Shuttles between the nucleus matrix, Cytoplasm, Nucleus matrix, Cytoplasm, Nucleus matrix, Microsome, Shuttles between the nucleus matrix, Cytoplasm, Nucleus matrix, Cytoplasm, Nucleus matrix, Cytoplasm, Nucleus matrix, Cytoplasm, Nuc	Catalog No	YP-Ab-10491
Applications   WB     Gene Name   SRPK1     Protein Name   SRPK1 (Phospho-Thr601)     Immunogen   Synthesized peptide derived from human SRPK1 (Phospho-Thr601)     Specificity   This antibody detects endogenous levels of SRPK1 (Phospho-Thr601) at Human, Mouse, Rat     Formulation   Liquid in PBS containing 50% glycerol, and 0.147% sodium azide.     Source   Polyclonal, Rabbit,IgG     Purification   The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.     Dilution   WB 1:500-2000     Concentration   1 mg/ml     Purity   ≥90%     Storage Stability   -20°C/1 year     Synonyms   SRSF protein kinase 1 (EC 2.7.11.1) (SFRS protein kinase 1) (Serine/arginine-rich protein-specific kinase 1) (Serine/arginine-rich protein-specific kinase 1) (Serine/arginine-rich protein-specific kinase 1) (Serine/arginine-rich protein-specific kinase 1) (Cytoplasm, Nucleus, Nucleus matrix, Microsome, Shuttles between the nucleus and the cytoplasm, Inhibitis ts nucleus franslocation, illosoform 2): Cytoplasm, Nucleus, nucleus ranslocation, illosoform 2): Cytoplasm, Nucleus, nucleus ranslocation, illosoform 2). Eytoplasm, Nucleus, nucleus ranslocation, illosoform 2). Highly expressed in the nuclear translocation, illosoform 2, Nucleus matrix, Cytoplasm, Nucleus matrix, Cytoplasm, Nucleus ranslocation, illosoform 1, Cytoplasm, Nucleus speckle, Chromosome - Preferentially localizes to the promoter of	Isotype	IgG
Gene Name   SRPK1     Protein Name   SRPK1 (Phospho-Thr601)     Immunogen   Synthesized peptide derived from human SRPK1 (Phospho-Thr601)     Specificity   This antibody detects endogenous levels of SRPK1 (Phospho-Thr601) at Human, Mouse, Rat     Formulation   Liquid in PBS containing 50% glycerol, and 0.147% sodium azide.     Source   Polyclonal, Rabbit.lgG     Purification   The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.     Dilution   WB 1:500-2000     Concentration   1 mg/ml     Purity   ≥90%     Storage Stability   -20°C/1 year     Synonyms   SRSF protein kinase 1 (EC 2.7.11.1) (SFRS protein kinase 1) (Serine/arginine-rich protein-specific kinase 1) (Ser-protein-specific kinase 1)     Observed Band   74kD     Cell Pathway   [Isoform 2]: Cytoplasm. Nucleus. Nucleus matrix. Microsome. Shuttles between the nucleus and the cytoplasm. Inhibition of the Hsp00 ATPase activity, osmotic stress and interaction with HHV-1 (EP27 protein can induce its resolution to the nucleus, ATTS/TIP60 inhibits its nuclear matrix. Cytoplasm. Nucleus, nucleus matrix. Microsome. Preferentially localizes to the promoter of gene coding regions.     Tissue Specificity   Isoform 2 is predominatify expressed in the extisb but is also present at lower levels in heart. ovary, smail intestine, livery,	Reactivity	Human; Mouse;Rat
Protein Name   SRPK1 (Phospho-Thr601)     Immunogen   Synthesized peptide derived from human SRPK1 (Phospho-Thr601)     Specificity   This antibody detects endogenous levels of SRPK1 (Phospho-Thr601) at Human, Mouse,Rat     Formulation   Liquid in PBS containing 50% glycerol, and 0.147% sodium azide.     Source   Polyclonal, Rabbit,IgG     Purification   The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.     Dilution   WB 1:500-2000     Concentration   1 mg/ml     Purity   ≥90%     Storage Stability   -20°C/1 year     Synonyms   SRSF protein kinase 1 (EC 2.7.11.1) (SFRS protein kinase 1) (Serine/arginine-rich protein-specific kinase 1) (Serine/arginine-rich protein sense 1) (SR-protein-specific kinase 1)     Observed Band   74kD     Cell Pathway   [Isoform 2]: Cytoplasm. Nucleus. Nucleus matrix. Microsome. Shuttles between the nucleus and the cytoplasm. Inhibition of the Hs900 ATPase activity, osmotic stress and interaction with HHV-1 (LCP27 protein can induce in taraslocation to the nucleus. KAT5TITP60 inhibits its nuclear translocation to the nucleus. Nucleus matrix. Microsome. Shuttles between the nucleus speckle. Chromosome. Preferentially localizes to the promoter of gene coding regions     Tissue Specificity   Isoform 2 is predominantly expressed in the nuclear matrix: .(cytoplasm. Nucleus theat, with isoform 2.	Applications	WB
ImmunogenSynthesized peptide derived from human SRPK1 (Phospho-Thr601)SpecificityThis antibody detects endogenous levels of SRPK1 (Phospho-Thr601) at Human, Mouse,RatFormulationLiquid in PBS containing 50% glycerol, and 0.147% sodium azide.SourcePolyclonal, Rabbit,IgGPurificationThe antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.DilutionWB 1:500-2000Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsSRSF protein kinase 1 (EC 2.7.11.1) (SFRS protein kinase 1) (Serine/arginine-rich protein-specific kinase 1)Observed Band74kDCell Pathway[Isoform 2]: Cytoplasm. Nucleus. Nucleus matrix. Microsome. Shuttles between the nucleus and the cytoplasm. Inhibition of the Hsp00 ATPase activity, osmotic stress and interaction with HHV-1 ICP27 protein can induce its translocation. Juccleus, KATS/TIP60 inhibits its nucleura translocation and the cytoplasm. Nucleus speckfe. Chromosome. Preferentially localizes to the promofer of gene coding regionsTissue SpecificityIsoform 2 is predominantly expressed in the testis but is also present at lower levels in heart, ovary, small intestine, liver, kidney, pancreas and skeletal muscle. Isoform 1 is only seen in the testis, at lower levels than isoform 2. Highly expressed in different erythroid and ymphoid cell lines, with isoform 2. being far more abundant than isoform 1: only seen in the testis, at lower levels than isoform 2 being far more abundant than isoform 1: and years a central role of splicing.	Gene Name	SRPK1
Specificity This antibody detects endogenous levels of SRPK1 (Phospho-Thr601) at Human, Mouse, Rat   Formulation Liquid in PBS containing 50% glycerol, and 0.147% sodium azide.   Source Polyclonal, Rabbit, IgG   Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.   Dilution WB 1:500-2000   Concentration 1 mg/ml   Purity ≥90%   Storage Stability -20°C/1 year   Synonyms SRSF protein kinase 1 (EC 2.7.11.1) (SFRS protein kinase 1) (Serine/arginine-rich protein-specific kinase 1) (SR-protein-specific kinase 1)   Observed Band 74kD   Cell Pathway Isoform 2]: Cytoplasm, Nucleus, Nucleus matrix, Microsome, Shuttles between the nucleus and the cytoplasm. Inhibition of the Hsp90 ATPase activity, osmotic stress and interaction with HHV-1 (CP27 protein calindue its translocation to the nucleus kAT5/TH90 inhibits is nuclear translocation; Ilsoform 1): Cytoplasm, Nucleus speckle, Chromosome . Preferentially localizes to the promoter of gene coding regions   Tissue Specificity Isoform 2 is predominantly expressed in the testis but is also present at lower levels in heart, ovary, small intestine, liver, kidney, pancreas and skeletal muscle. stoform 1 is only seen in the testis, at lower levels than isoform 2. Highly expressed in different erythroid and lymphoid cell lines, with isoform 2 being far more abundant than isoform 1.   Suportion 1 is only seen in the	Protein Name	SRPK1 (Phospho-Thr601)
Human, Moúse, Rat Human, Moúse, Rat   Formulation Liquid in PBS containing 50% glycerol, and 0.147% sodium azide.   Source Polyclonal, Rabbit, IgG   Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.   Dilution WB 1:500-2000   Concentration 1 mg/ml   Purity ≥90%   Storage Stability -20°C/1 year   Synonyms SRSF protein kinase 1 (EC 2.7.11.1) (SFRS protein kinase 1) (Serine/arginine-rich protein-specific kinase 1) (Ser, protein-specific kinase 1)   Observed Band 74kD   Cell Pathway [Isoform 2]: Cytoplasm. Nucleus. Nucleus matrix. Microsome. Shuttles between the nucleus and the cytoplasm. Inhibition of the Hsp90 ATPase activity, osmotic stress and interaction with HHV-1 (CP27 protein can induce its translocation to the nucleus. KAT5/TIP60 inhibits its nuclear matrix. Cytoplasm. Nucleus, Nucleus matrix. Microsome. Shuttles between the nucleus watrix. Microsome. Mainly localized in the microsomal fraction and the cytoplasm, and to a lesser extent in the nuclear matrix. Cytoplasm. Nucleus, nucleoplasm, and to a lesser extent in the nuclear matrix. Cytoplasm. Nucleus, nucleoplasm. Nucleus, nucleoplasm. Nucleus, nucleoplasm. Nucleus, nucleoplasm. Shutel stranslocation to the promoter of gene coding regions.   Tissue Specificity Isoform 2 is predominantly expressed in the testis but is also present at lower levels in heart, ovary, small intestine, liver, kidney, pancreas and skeletal muscle. Isoform 1	Immunogen	Synthesized peptide derived from human SRPK1 (Phospho-Thr601)
Source   Polyclonal, Rabbit,IgG     Purification   The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.     Dilution   WB 1:500-2000     Concentration   1 mg/ml     Purity   ≥90%     Storage Stability   -20°C/1 year     Synonyms   SRSF protein kinase 1 (EC 2.7.11.1) (SFRS protein kinase 1) (Serine/arginine-rich protein-specific kinase 1) (Serprotein-specific kinase 1)     Observed Band   74kD     Cell Pathway   [Isoform 2]: Cytoplasm, Nucleus, Nucleus matrix, Microsome, Shuttles between the nucleus and the cytoplasm, Inhibition of the Hsp90 ATPase activity, osmotic stress and interaction with HHV-1 ICP27 protein can induce its translocation to the nucleus, KATS/TIP60 inhibits its nuclear translocation.] [Isoform 1]: Cytoplasm. Nucleus, Matrix, Microsome, Mainly localized in the microsomal fraction and the cytoplasm, and to a lesser extent in the nuclear matrix: Cytoplasm. Nucleus, nucleoplasm, Nucleus speckle, Chromosome . Preferentially localizes to the promoter of gene coding regions.     Tissue Specificity   Isoform 2 is predominantly expressed in the testis but is also present at lower levels in heart, ovary, small intestine, liver, kidney, pancreas and skeletal muscle. Isoform 1 is only seen in the testis, at lower levels than isoform 2. Highly expressed in different erythroid and lymphoid cell lines, with isoform 2 being far more abundant than isoform 1.     Function   catalytic activity:ATP + a protein = ADP + a phosphorpotein, offactor.Magnesium, enzym	Specificity	This antibody detects endogenous levels of SRPK1 (Phospho-Thr601) at Human, Mouse,Rat
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Storage Stability -20°C/1 year   Synonyms SRSF protein kinase 1 (EC 2.7.11.1) (SFRS protein kinase 1) (Serine/arginine-rich protein-specific kinase 1) (SR-protein-specific kinase 1)   Observed Band 74kD   Cell Pathway [Isoform 2]: Cytoplasm. Nucleus. Nucleus matrix. Microsome. Shuttles between the nucleus and the cytoplasm. Inhibition of the Hsp90 ATPase activity, osmotic stress and interaction with HHV-1 ICP27 protein can induce its translocation to the nucleus. KAT5/TIP60 inhibits its nuclear translocation.; [Isoform 1]: Cytoplasm. Nucleus matrix. Microsome. Mainly localized in the microsomal fraction and the cytoplasm, and to a lesser extent in the nuclear matrix.; Cytoplasm. Nucleus, nucleoplasm . Nucleus speckle . Chromosome . Preferentially localizes to the promoter of gene coding regions   Tissue Specificity Isoform 2 is predominantly expressed in the testis but is also present at lower levels in heart, ovary, small intestine, liver, kidney, pancreas and skeletal muscle. Isoform 1 is only seen in the testis, at lower levels than isoform 2. Highly expressed in different erythroid and lymphoid cell lines, with isoform 2 being far more abundant than isoform 1.   Function catalytic activity:ATP + a protein = ADP + a phosphorylation on Ser-51 and Ser-555.,function:Plays a central role in the regulatory network for splicing, controlling the intranuclear distribution of splicing	Concentration	1 mg/ml
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Cell Pathway[Isoform 2]: Cytoplasm. Nucleus. Nucleus matrix. Microsome. Shuttles between the nucleus and the cytoplasm. Inhibition of the Hsp90 ATPase activity, osmotic stress and interaction with HHV-1 ICP27 protein can induce its translocation to the nucleus. KAT5/TIP60 inhibits its nuclear translocation.; [Isoform 1]: Cytoplasm. Nucleus matrix. Microsome. Mainly localized in the microsomal fraction and the cytoplasm, and to a lesser extent in the nuclear matrix.; Cytoplasm . Nucleus, nucleoplasm . Nucleus speckle . Chromosome . Preferentially localizes to the promoter of gene coding regionsTissue SpecificityIsoform 2 is predominantly expressed in the testis but is also present at lower levels in heart, ovary, small intestine, liver, kidney, pancreas and skeletal muscle. Isoform 1 is only seen in the testis, at lower levels than isoform 2. Highly expressed in different erythroid and lymphoid cell lines, with isoform 2 being far more abundant than isoform 1.Functioncatalytic activity:ATP + a protein = ADP + a phosphorylation on Ser-51 and Ser-555., function:Plays a central role in the regulatory network for splicing, controlling the intranuclear distribution of splicing	Synonyms	
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phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Activated by phosphorylation on Ser-51 and Ser-555.,function:Plays a central role in the regulatory network for splicing, controlling the intranuclear distribution of splicing	Tissue Specificity	levels in heart, ovary, small intestine, liver, kidney, pancreas and skeletal muscle. Isoform 1 is only seen in the testis, at lower levels than isoform 2. Highly expressed in different erythroid and lymphoid cell lines, with isoform 2 being far
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## UpingBio technology Co.,Ltd

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	mitosis. Hyperphosphorylates RS domain-containing proteins such as SFRS1 and SFRS2 on serine residues during metaphase but at lower levels during interphase. Locks onto SFRS1 to form a stable complex and processively phosphorylates the RS domain. Appears to mediate HBV core protein phosphorylation which is a prerequisite for pregenomic RNA encapsidation into viral capsids.,similarity:Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,subunit:Present in a seven component
Background	This gene encodes a serine/arginine protein kinase specific for the SR (serine/arginine-rich domain) family of splicing factors. The protein localizes to the nucleus and the cytoplasm. It is thought to play a role in regulation of both constitutive and alternative splicing by regulating intracellular localization of splicing factors. Alternative splicing of this gene results in multiple transcript variants. Additional alternatively spliced transcript variants have been described for this gene, but their full length nature have not been determined.[provided by RefSeq, Jul 2010],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Western Blot analysis of 1 HepG2 cell, 2 LPS 100ng/mL 30min treated ,using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000