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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
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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