



# TSSK6 rabbit pAb

<b>Catalog No</b>	YP-Ab-12570
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	TSSK6 SSTK FKSG82
<b>Protein Name</b>	TSSK6
<b>Immunogen</b>	Synthesized peptide derived from human TSSK6
<b>Specificity</b>	This antibody detects endogenous levels of TSSK6 at Human, Mouse,Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.61% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	Testis-specific serine/threonine-protein kinase 6 (TSK-6) (TSSK-6) (Testis-specific kinase 6) (EC 2.7.11.1) (Cancer/testis antigen 72) (CT72) (Serine/threonine-protein kinase SSTK) (Small serine/threonine kinase)
<b>Observed Band</b>	
<b>Cell Pathway</b>	nucleus,cytoplasm,
<b>Tissue Specificity</b>	Highly expressed in testis. Expressed at lower levels in colon, small intestine, ovary, prostate, thymus, spleen and peripheral blood leukocytes.
<b>Function</b>	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,function:Required for sperm production and function. Plays a role in DNA condensation during postmeiotic chromatin remodeling.,PTM:Autophosphorylated.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with the heatshock proteins HSPCB, HSPA8 and HAPA1A. These interactions appear to be required for TSSK6 kinase activity.,tissue specificity:Highly expressed in testis. Expressed at lower levels in human colon, small intestine, ovary, prostate, thymus, spleen and peripheral blood leukocytes.,
<b>Background</b>	This intronless gene encodes a member of the CAMK (calcium/calmodulin-dependent) serine/threonine protein kinase family. The encoded kinase has a broad expression pattern but is described as testis-specific



due to effects on fertility. Male mice which lack the gene encoding a highly similar protein are sterile and have morphologically abnormal sperm. [provided by RefSeq, Jan 2012],

**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**

