



# MST3 (Phospho-Thr18) rabbit pAb

<b>Catalog No</b>	BYab-10547
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	STK24 MST3 STK3
<b>Protein Name</b>	MST3 (Phospho-Thr18)
<b>Immunogen</b>	Synthesized peptide derived from human MST3 (Phospho-Thr18)
<b>Specificity</b>	This antibody detects endogenous levels of MST3 (Phospho-Thr18) at Human, Mouse,Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.203% 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>	Serine/threonine-protein kinase 24 (EC 2.7.11.1) (Mammalian STE20-like protein kinase 3) (MST-3) (STE20-like kinase MST3) [Cleaved into: Serine/threonine-protein kinase 24 36 kDa subunit (Mammalian STE20-like protein kinase 3 N-terminal) (MST3/N); Serine/threonine-protein kinase 24 12 kDa subunit (Mammalian STE20-like protein kinase 3 C-terminal) (MST3/C)]
<b>Observed Band</b>	50kD
<b>Cell Pathway</b>	Cytoplasm. Nucleus. Membrane. The truncated form (MST3/N) translocates to the nucleus. Colocalizes with STK38L in the membrane.
<b>Tissue Specificity</b>	Isoform A is ubiquitous. Isoform B is expressed in brain with high expression in hippocampus and cerebral cortex.
<b>Function</b>	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Manganese. Only isoform A requires manganese.,function:Protein kinase that act on both serine and threonine residues.,PTM:Autophosphorylated. Isoform B is activated by phosphorylation by PKA.,similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily.,similarity:Contains 1 protein kinase domain.,tissue specificity:Isoform A is ubiquitous. Isoform B is expressed

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**Background**

This gene encodes a serine/threonine protein kinase that functions upstream of mitogen-activated protein kinase (MAPK) signaling. The encoded protein is cleaved into two chains by caspases; the N-terminal fragment (MST3/N) translocates to the nucleus and promotes programmed cells death. There is a pseudogene for this gene on chromosome X. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2013],

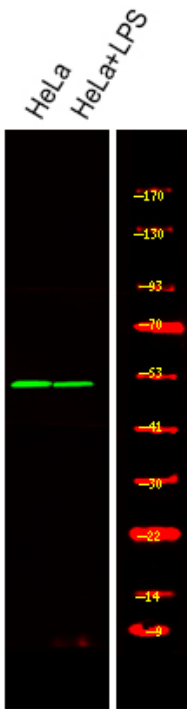
**matters needing attention**

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 various,using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000