

## MST3 (Phospho Thr18) Rabbit pAb

CatalogNo: YP1776

### Key Features

**Host Species**

- Rabbit

**Reactivity**

- Human, Mouse, Rat

**Applications**

- WB

**MW**

- 50kD (Observed)

**Isotype**

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:500-2000**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human MST3 (Phospho-Thr18)**Specificity** This antibody detects endogenous levels of MST3 (Phospho-Thr18) at Human, Mouse, Rat. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): RATLP

---

## | Target Information

**Gene name** STK24 MST3 STK3

**Protein Name** MST3 (Phospho-Thr18)

Organism	Gene ID	UniProt ID
Human	<a href="#">8428;</a>	<a href="#">Q9Y6E0;</a>
Mouse	<a href="#">223255;</a>	<a href="#">Q99KH8;</a>
Rat	<a href="#">361092;</a>	<a href="#">B0LT89;</a>

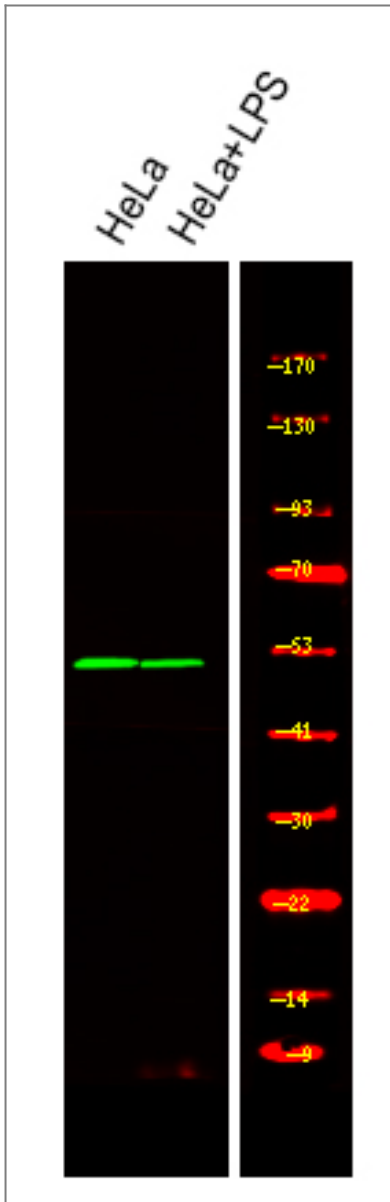
**Cellular Localization** Cytoplasm. Nucleus. Membrane. The truncated form (MST3/N) translocates to the nucleus. Colocalizes with STK38L in the membrane.

**Tissue specificity** Isoform A is ubiquitous. Isoform B is expressed in brain with high expression in hippocampus and cerebral cortex.

**Function** 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 in brain with high expression in hippocampus and cerebral cortex.,

---

## | Validation Data



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

## Contact information

Orders: [order@immunoway.com](mailto:order@immunoway.com)  
Support: [tech@immunoway.com](mailto:tech@immunoway.com)  
Telephone: 877-594-3616 (Toll Free), 408-747-0185  
Website: <http://www.immunoway.com>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:  
**MST3 (Phospho Thr18) Rabbit pAb**

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)