

# [KO Validated] MST1/STK4 Rabbit pAb

Catalog No.: A18100    **KO** Validated    **1 Publications**

## Basic Information

### Observed MW

60kDa

### Calculated MW

56kDa

### Category

Primary antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

The protein encoded by this gene is a cytoplasmic kinase that is structurally similar to the yeast Ste20p kinase, which acts upstream of the stress-induced mitogen-activated protein kinase cascade. The encoded protein can phosphorylate myelin basic protein and undergoes autophosphorylation. A caspase-cleaved fragment of the encoded protein has been shown to be capable of phosphorylating histone H2B. The particular phosphorylation catalyzed by this protein has been correlated with apoptosis, and it's possible that this protein induces the chromatin condensation observed in this process.

## Recommended Dilutions

**WB**                    1:500 - 1:2000

**ELISA**                    Recommended starting concentration is 1  $\mu$ g/mL.  
Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

6789

### Swiss Prot

Q13043

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

KRS2; MST1; YSK3; K4

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.  
Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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