

A18100

Leader in Biomolecular Solutions for Life Science



## [KO Validated] MST1/STK4 Rabbit pAb

Catalog No.: A18100 **KO Validated**

### Basic Information

#### Observed MW

60kDa

#### Calculated MW

56kDa

#### Category

Polyclonal 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

### Immunogen Information

#### Gene ID

6789

#### Swiss Prot

Q13043

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 303-487 of human MST1/STK4 (NP\_006273.1).

#### Synonyms

KRS2; MST1; YSK3; K4

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

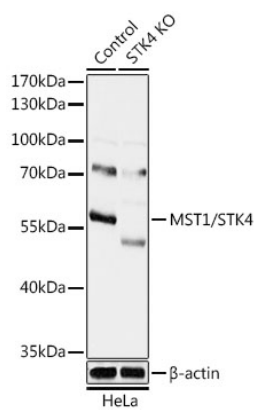
#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of lysates from wild type (WT) and MST1/STK4 knockout (KO) HeLa cells, using [KO Validated] MST1/STK4 Rabbit pAb (A18100) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1s.