

## MST1 Rabbit pAb

Catalog Number: bs-28134R

Target Protein: MST1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human, Mouse, Rat (predicted:Rabbit, Cow, Chicken, Horse)

Predicted MW: 56 kDa

Entrez Gene: 6789

Swiss Prot: Q13043

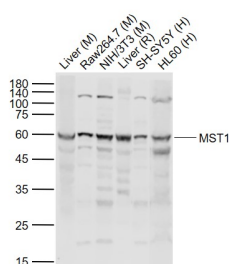
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**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. [provided by RefSeq, Jul 2008]

## VALIDATION IMAGES



Sample: Lane 1: Liver (Mouse) Lysate at 40 ug Lane 2: Raw264.7 (Mouse) Cell Lysate at 30 ug Lane 3: NIH/3T3 (Mouse) Cell Lysate at 30 ug Lane 4: Liver (Rat) Lysate at 40 ug Lane 5: SH-SY5Y (Human) Cell Lysate at 30 ug Lane 6: HL60 (Human) Cell Lysate at 30 ug Primary: Anti-MST1 (bs-28134R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 56 kD Observed band size: 60 kD

## PRODUCT SPECIFIC PUBLICATIONS

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[IF=4.7] Tianwei Dong, et al.Cannabidiol Ameliorates Doxorubicin-Induced Myocardial Injury via Activating Hippo Pathway.DRUG DESIGN DEVELOPMENT AND THERAPY.2025 Jan 24:19:569-583. Western blot ; Rat, mouse . 39876987