

## Anti-MST1 Polyclonal Antibody 2

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Chicken,Cow,Horse,Rabbit)
Molecular Weight:	Theoretical: 56 kDa. Actual: 60 kDa.
Purification:	Protein A purified

### Applications

Sample:	Lane 1: Liver (Mouse) Lysate at 40 µg Lane 2: Raw264.7 (Mouse) Cell Lysate at 30 µg Lane 3: NIH/3T3 (Mouse) Cell Lysate at 30 µg Lane 4: Liver (Rat) Lysate at 40 µg
Verified Activity:	Lane 5: SH-SY5Y (Human) Cell Lysate at 30 µg Lane 6: HL60 (Human) Cell Lysate at 30 µg Primary: Anti-MST1 (TMAB-09041) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 56 kD Observed band size: 60 kD
Application:	WB
Recommended	WB: 1:500-2000

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human MST1
Antigen Species:	Human
Gene ID:	6789
Uniprot ID:	Q13043

### Research 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]

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