

Rabbit anti-Human MST1 Polyclonal Antibody | anti-MST1 antibody

MST1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303000	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

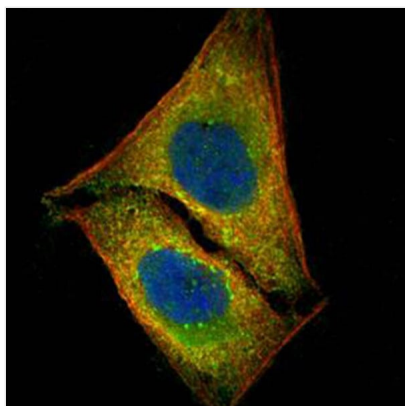
PRODUCT SYNONYMS

MST1; Polyclonal Antibody; MST1 antibody; anti-MST1 antibody

PRODUCT SPECIFICATIONS

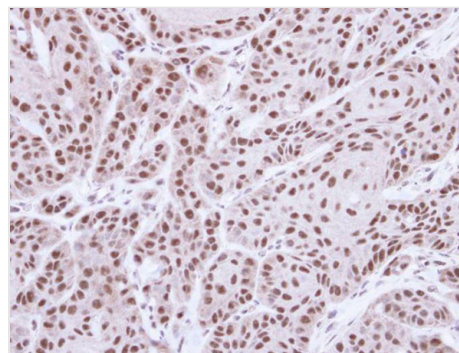
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	487
Applicable Applications for anti-MST1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide contain a sequence corresponding to a region within amino acids 324 and 388 of MST1
Target Name	MST1
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



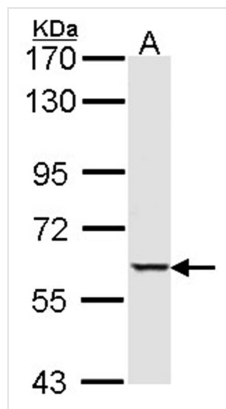
IF (Immunofluorescence)

Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed U2OS, using STK4 antibody (Green) at 1: 500 dilution and alpha-tubulin antibody (Red) at 1: 2000.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using MST1 antibody at 1: 500 dilution.



Application Data

Sample (30 ug of whole cell lysate) A: Hep G2 7.5% SDS PAGE STK4 antibody diluted at 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-MST1 antibody	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]
Product Categories/Family for anti-MST1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	5454096
NCBI GeneID	6789
NCBI Accession #	NP_006273
NCBI GenBank Nucleotide #	NM_006282.2
Molecular Weight	52,335 Da
NCBI Official Full Name	serine/threonine-protein kinase 4
NCBI Official Synonym Full Names	serine/threonine kinase 4
NCBI Official Symbol	STK4
NCBI Official Synonym Symbols	KRS2; MST1; YSK3; TIIAC
NCBI Protein Information	serine/threonine-protein kinase 4
UniProt Protein Name	Serine/threonine-protein kinase 4
UniProt Gene Name	STK4
UniProt Synonym Gene Names	KRS2; MST1; MST-1; MST1/N; MST1/C
UniProt Entry Name	STK4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mst1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/303000>