

Rabbit MST1 Polyclonal Antibody | anti-MST1 antibody

MST1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327484	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MST1; Polyclonal Antibody; MST1 Antibody; D3F15S2; DNF15S2; Hepatocyte growth factor like protein alpha chain; Hepatocyte growth factor like protein; Hepatocyte growth factor like protein beta chain; Hepatocyte growth factor like protein homolog; Hepatocyte growth factor-like protein beta chain; HGFL; HGFL_HUMAN; Macrophage stimulating 1 (hepatocyte growth factor like); Macrophage stimulatory protein; Macrophage-stimulating protein; MSP; NF15S2; OTTHUMP00000208927; anti-MST1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MST1 antibody detects endogenous levels of total MST1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	725
Applicable Applications for anti-MST1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MST1
Subcellular Location	STK3: Cytoplasm. Nucleus. The caspase-cleaved form cycles between nucleus and cytoplasm. MST1: Secreted.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA327484 staining 293T by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of MST1 using 293 whole cell lysates



IHC (Immunohistochemistry)

AAA327484 at 1/100 staining Human pancreas tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-MST1 antibody	Function: Although related to peptidase S1 family, the active site residues characteristic of serine proteases appear to be absent from this protein, which may therefore lack protease activity. Subunit Structure: Dimer of an alpha chain and a beta chain linked by a disulfide bond. Interacts (via beta chain) with MST1R (via SEMA domain). Post-translational Modifications: Cleaved after Arg-483, probably by HPN/Hepsin, to yield the active form consisting of two disulfide-linked chains. Similarity: Belongs to the peptidase S1 family. Plasminogen subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	205277383
NCBI GeneID	4485
NCBI Accession #	NP_066278.3
NCBI GenBank Nucleotide #	NM_020998.3
UniProt Accession #	P26927; Q13350; Q14870; Q6GTN4; A6NLA3; A8MSX3
Molecular Weight	Observed: 85 kDa Predicted: 81 kDa
NCBI Official Full Name	hepatocyte growth factor-like protein
NCBI Official Synonym Full Names	macrophage stimulating 1
NCBI Official Symbol	MST1
NCBI Official Synonym Symbols	MSP; HGFL; NF15S2; D3F15S2; DNF15S2
NCBI Protein Information	hepatocyte growth factor-like protein
UniProt Protein Name	Hepatocyte growth factor-like protein
UniProt Gene Name	MST1
UniProt Synonym Gene Names	D3F15S2; DNF15S2; HGFL; MSP

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-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/327484>