

A0590

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MST1R Rabbit pAb

Catalog No.: A0590

Basic Information

Observed MW

145kDa

Calculated MW

152kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a cell surface receptor for macrophage-stimulating protein (MSP) with tyrosine kinase activity. The mature form of this protein is a heterodimer of disulfide-linked alpha and beta subunits, generated by proteolytic cleavage of a single-chain precursor. The beta subunit undergoes tyrosine phosphorylation upon stimulation by MSP. This protein is expressed on the ciliated epithelia of the mucociliary transport apparatus of the lung, and together with MSP, thought to be involved in host defense. Alternative splicing generates multiple transcript variants encoding different isoforms that may undergo similar proteolytic processing.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

4486

Swiss Prot

Q04912

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 25-304 of human MST1R (NP_002438.2).

Synonyms

RON; SEA; PTK8; CD136; NPCA3; CDw136; p185-Ron; MST1R

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

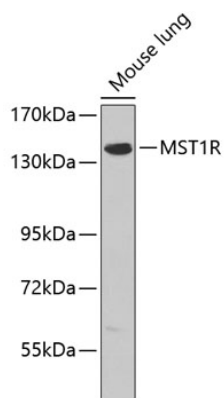
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of mouse lung, using MST1R antibody (A0590).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.