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MST1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12352B

Product Information

Application	IHC-P, FC, WB, E
Primary Accession	P26927
Other Accession	Q2TV78, NP_066278.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB31051
Calculated MW	80320
Antigen Region	454-483

Additional Information

Gene ID	4485
Other Names	Hepatocyte growth factor-like protein, Macrophage stimulatory protein, Macrophage-stimulating protein, MSP, Hepatocyte growth factor-like protein alpha chain, Hepatocyte growth factor-like protein beta chain, MST1, D3F15S2, DNF15S2, HGFL
Target/Specificity	This MST1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 454-483 amino acids from the C-terminal region of human MST1.
Dilution	IHC-P~~1:100~500 FC~~1:10~50 WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	MST1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MST1

Synonyms	D3F15S2, DNF15S2, HGFL
Cellular Location	Secreted.

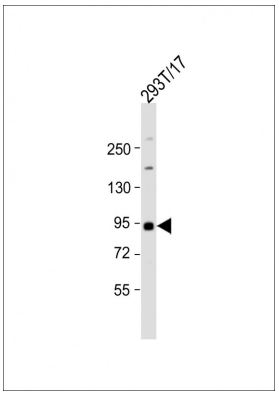
Background

The protein encoded by this gene contains four kringle domains and a serine protease domain, similar to that found in hepatic growth factor. Despite the presence of the serine protease domain, the encoded protein may not have any proteolytic activity. The receptor for this protein is RON tyrosine kinase, which upon activation stimulates ciliary motility of ciliated epithelial lung cells. This protein is secreted and cleaved to form an alpha chain and a beta chain bridged by disulfide bonds.

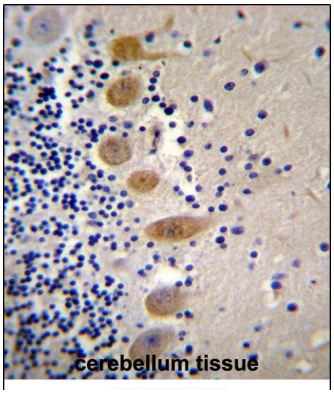
References

Latiano, A., et al. Inflamm. Bowel Dis. 16(7):1108-1117(2010)
Morgan, A.R., et al. Hum. Immunol. 71(6):602-609(2010)
Qiao, M., et al. Mol. Cell 38(4):512-523(2010)
McGovern, D.P., et al. Nat. Genet. 42(4):332-337(2010)
Oh, H.J., et al. Curr. Biol. 20(5):416-422(2010)

Images

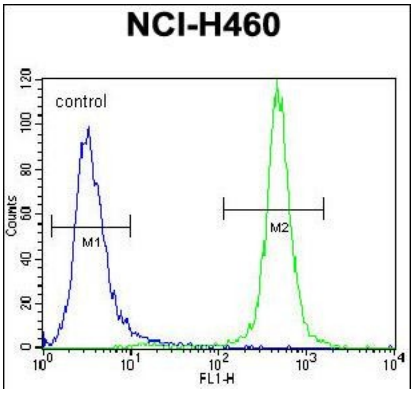


Anti-MST1 Antibody (C-term) at 1:1000 dilution + 293T/17 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 80 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



MST1 Antibody (C-term) (Cat. #AP12352b)immunohistochemistry analysis in formalin fixed and paraffin embedded human cerebellum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of MST1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

MST1 Antibody (C-term) (Cat. #AP12352b) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



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