

MST1 Polyclonal Antibody

Catalog NumberPA5-15110

Product data sheet

Details		Species Reactivity	
Size	400 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:100
Type	Antibody	Western Blot (WB)	1:1,000
Immunogen	KLH conjugated synthetic peptide between 385-415 amino acids from the C-terminal region of human MST1	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	Lot-specific		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

This antibody is predicted to react with bovine based on sequence homology.

Background/Target Information

MSP (or MST1) 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.

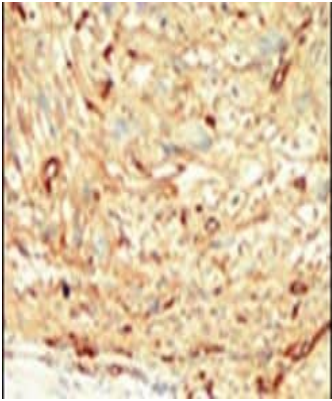
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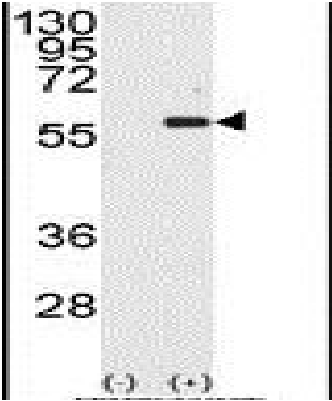
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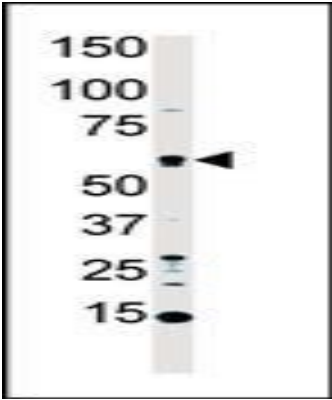
Product Images For MST1 Polyclonal Antibody



**MST1 Antibody (PA5-15110) in IHC**  
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human cancer tissue using a MST1 polyclonal antibody (Product # PA5-15110), followed by HRP-conjugated secondary antibody and DAB staining.



**MST1 Antibody (PA5-15110) in WB**  
Western blot analysis of STK4 (arrow) using a MST1 polyclonal antibody (Product # PA5-15110) in 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the STK4 gene (Lane 2).



**MST1 Antibody (PA5-15110) in WB**  
Western blot analysis using a MST1 polyclonal antibody (Product # PA5-15110) in HL-60 cell lysate. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

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