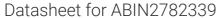
# antibodies .- online.com





# anti-MST1 antibody (Middle Region)

3

**Images** 



Go to Product page

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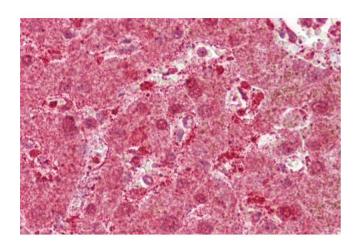
Quantity:	100 μL	
Target:	MST1	
Binding Specificity:	Middle Region	
Reactivity:	Human, Dog, Cow, Horse, Rabbit, Pig	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This MST1 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC)	
Product Details		
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human MST1	
Sequence:	SCHMPLTGYE VWLGTLFQNP QHGEPSLQRV PVAKMVCGPS GSQLVLLKLE	
Predicted Reactivity:	Cow: 77%, Dog: 85%, Horse: 85%, Human: 100%, Pig: 86%, Rabbit: 86%	
Characteristics:	This is a rabbit polyclonal antibody against MST1. It was validated on Western Blot using a cell lysate as a positive control.	
Purification:	Affinity Purified	
Target Details		
Target:	MST1	
Alternative Name:	MST1 (MST1 Products)	

## **Target Details**

Larget Details			
Background:	MST1 belongs to the peptidase S1 family, plasminogen subfamily. It contains 4 kringle		
	domains, 1 PAN domain and 1 peptidase S1 domain. MST1 probably has no proteolytic activity,		
	since crucial characteristic of serine proteases catalytic sites are not conserved.		
	Alias Symbols: D3F15S2, DNF15S2, HGFL, MSP, NF15S2		
	Protein Interaction Partner: FOXO1, HIST2H2BE, MST1, DAXX, MOB1A, MST1R, KLKB1,		
	SERPINA3,		
	Protein Size: 711		
Molecular Weight:	80 kDa		
Gene ID:	4485		
NCBI Accession:	NM_020998, NP_066278		
UniProt:	P26927		
Application Details			
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.		
Comment:	Antigen size: 711 AA		
Restrictions:	ns: For Research Use only		

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



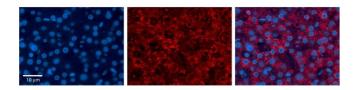
#### **Immunohistochemistry**

**Image 1.** Immunohistochemistry with Liver tissue at an antibody concentration of  $5\mu g/ml$  using anti-MST1 antibody (ARP45724\_P050)

90 kDa\_\_ 65 kDa\_\_ 40 kDa\_\_ 31 kDa\_\_ 22 kDa\_\_

#### **Western Blotting**

**Image 2.** WB Suggested Anti-MST1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human Lung



### **Immunohistochemistry**

**Image 3.** MST1 antibody - middle region Formalin Fixed Paraffin Embedded Tissue: Human Liver Tissue Observed Staining: Cytoplasm in hepatocytes Primary Antibody Concentration: 1:100 Other Working Concentrations: 1/600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec