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# anti-MST1R antibody (AA 22-51, AA 1370-1400)





Publication



Go to Product page

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Quantity:	400 μL
Target:	MST1R
Binding Specificity:	AA 22-51, AA 1370-1400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MST1R antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Product Details	
Immunogen:	This RON antibody is generated from rabbits immunized with two KLH conjugated synthetic peptides between 22-51 amino and 1370-1400 acids from the N-terminal and C-terminal regions of human RON.
Clone:	RB1356
Isotype:	lg Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

# **Target Details**

Target:	MST1R
Alternative Name:	RON (MST1R Products)

# Target Details

Background:	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor,	
	generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this	
	basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells,	
	regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement	
	and cell movement, apoptosis, and differentiation. With more than 500 gene products, the	
	protein kinase family is one of the largest families of proteins in eukaryotes. The family has	
	been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or	
	serine/threonine (STK) kinase catalytic domains. The tyrosine kinase (TK) group is mainly	
	involved in the regulation of cell-cell interactions such as differentiation, adhesion, motility and	
	death. There are currently about 90 TK genes sequenced, 58 are of receptor protein TK (e.g.	
	EGFR, EPH, FGFR, PDGFR, TRK, and VEGFR families), and 32 of cytosolic TK (e.g. ABL, FAK,	
	JAK, and SRC families).	
Molecular Weight:	152241	
Gene ID:	4486	
NCBI Accession:	NP_001231866, NP_002438	
UniProt:	Q04912	
Pathways:	RTK Signaling	
Application Details		
Application Notes:	WB: 1:1000	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small	
	aliquots to prevent freeze-thaw cycles.	

# Handling

Expiry Date:

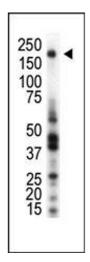
6 months

## **Publications**

Product cited in:

Chen, Hou, Fan, Jin, Wang: "Sonic hedgehog protein regulates fibroblast growth factor 8 expression in metanephric explant culture from BALB/c mice: Possible mechanisms associated with renal morphogenesis." in: **Molecular medicine reports**, Vol. 14, Issue 4, pp. 2929-36, (2017) (PubMed).

# **Images**



### **Western Blotting**

**Image 1.** Western blot analysis of anti-RON Pab (ABIN392048 and ABIN2841815) in THP1 cell lysate. RON (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.