Datasheet for ABIN710336

anti-MST1R antibody (pTyr1238)

3 Images

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Overview

Quantity:	100 µL
Target:	MST1R
Binding Specificity:	pTyr1238
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MST1R antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human MST1R around the phosphorylation site of Tyr1238
Isotype:	IgG
Cross-Reactivity:	Human, Monkey, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	MST1R
Alternative Name:	Ron (MST1R Products)
Background:	Synonyms: RON, PTK8, CD136, CDw136, Macrophage-stimulating protein receptor, MSP

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Target Details

	receptor, Protein-tyrosine kinase 8, p185-Ron, MST1R Background: Receptor tyrosine kinase that transduces signals from the extracellular matrix into the cytoplasm by binding to MST1 ligand. Regulates many physiological processes including cell survival, migration and differentiation. Ligand binding at the cell surface induces autophosphorylation of RON on its intracellular domain that provides docking sites for downstream signaling molecules. Following activation by ligand, interacts with the PI3-kinase subunit PIK3R1, PLCG1 or the adapter GAB1. Recruitment of these downstream effectors by RON leads to the activation of several signaling cascades including the RAS-ERK, PI3 kinase-AKT, or PLCgamma-PKC. RON signaling activates the wound healing response by promoting epithelial cell migration, proliferation as well as survival at the wound site. Plays also a role in the innate immune response by regulating the migration and phagocytic activity of macrophages. Alternatively, RON can also promote signals such as cell migration and proliferation in response to growth factors other than MST1 ligand.
Gene ID:	4486
UniProt:	Q04912
Pathways:	RTK Signaling

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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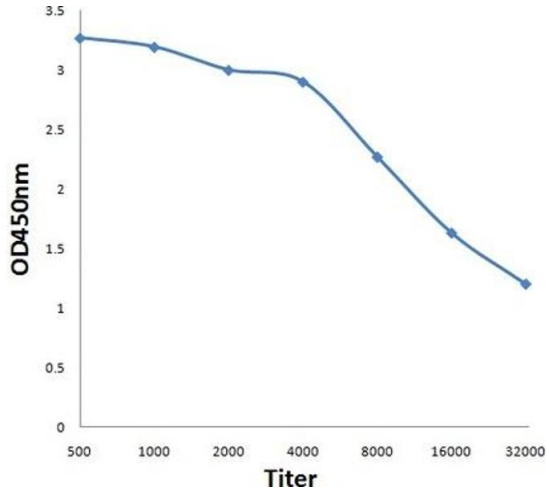
Handling

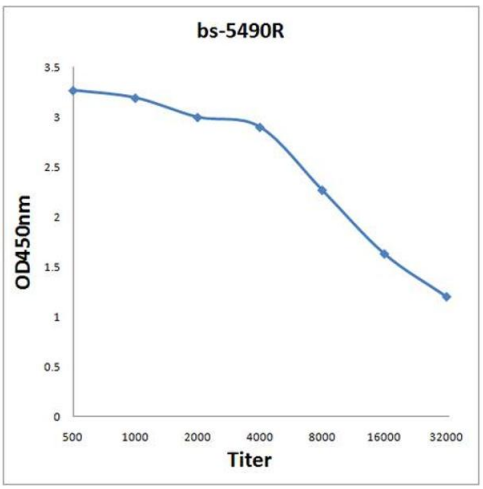
Expiry Date:	12 months

Images



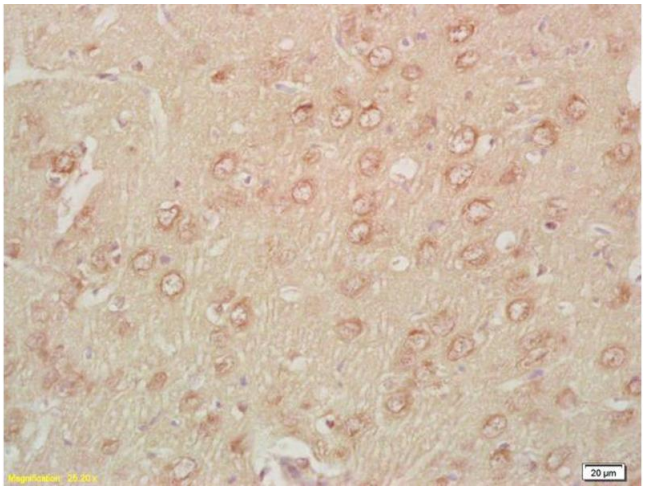
ELISA

Image 1. Antigen: 0.2ug/100ul, Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000, Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1: 5000, TMB staining, Read the data in MicroplateReader by 450nm



ELISA

Image 2. Antigen: 0.2 µg/100 µL Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000; Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1: 5000; TMB staining; Read the data in MicroplateReader by 450



Immunohistochemistry

Image 3. Formalin-fixed and paraffin embedded rat brain labeled with Rabbit Anti phospho-Ron/MST1R(Tyr1238) Polyclonal Antibody, Unconjugated (ABIN710336) at 1:200 followed by conjugation to the secondary antibody and DAB staining

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