

Datasheet for ABIN6243848  
**anti-MST1R antibody (AA 600-633)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	200 µL
Target:	MST1R
Binding Specificity:	AA 600-633
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MST1R antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This MST1R antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 600-633 amino acids from the Central region of human MST1R.
Clone:	RB58004
Isotype:	Ig Fraction
Predicted Reactivity:	H
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	MST1R
Alternative Name:	MST1R ( <a href="#">MST1R Products</a> )

## Target Details

**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.

**Molecular Weight:** 152241

**UniProt:** [Q04912](#)

**Pathways:** [RTK Signaling](#)

## Application Details

**Application Notes:** WB: 1:1000-1:2000

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

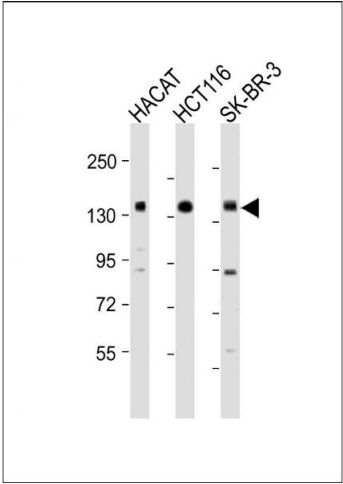
**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

**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

**Expiry Date:** 6 months



Western Blotting

**Image 1.** All lanes : Anti-MST1R Antibody (Center) at 1:1000-1:2000 dilution Lane 1: HACAT whole cell lysate Lane 2: HC whole cell lysate Lane 3: SK-BR-3 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 : 152 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.