

RON, MST1R Polyclonal Antibody

Catalog number: 11053-1-AP

Size: 21 µg/150 µl

Source: Rabbit

Isotype: IgG

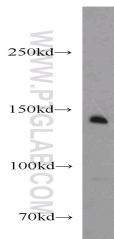
Synonyms:

MST1R; CD136, CDw136, MSP

receptor, MST1R, p185 Ron,

Protein tyrosine kinase 8, PTK8,

RON



mouse lung tissue were subjected to SDS PAGE followed by western blot with 11053-1-AP(RON, MST1R antibody) at dilution of 1:300

Background

RON (also referred to as MST1R, or CD136) is a receptor tyrosine kinase that belongs to the MET proto-oncogene family. The precursor RON is produced as a glycosylated, single chain that is cleaved into a 185-kDa heterodimer of α (35 kDa) and β (150 kDa) subunits connected by a disulfide bond (PMID: 8062829). It is activated upon binding to its ligand, macrophage-stimulating protein (MSP, also known as MST1 and HGFL). RON signalling is essential for embryonic development and regulates many physiological processes including cell survival, migration and differentiation.

Applications

Tested applications:	ELISA, WB
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated RON, MST1R	152 kDa
MW:	
Observed RON, MST1R MW:	140 kDa
Positive WB detected in	Mouse lung tissue
Recommended dilution:	WB: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1537
GenBank accession number:	BQ936677 NM_002447
Gene ID (NCBI):	4486
Full name:	Macrophage stimulating 1 receptor (c-met-related tyrosine kinase)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.