KIDINS220 Antibody

Catalog No: #37682

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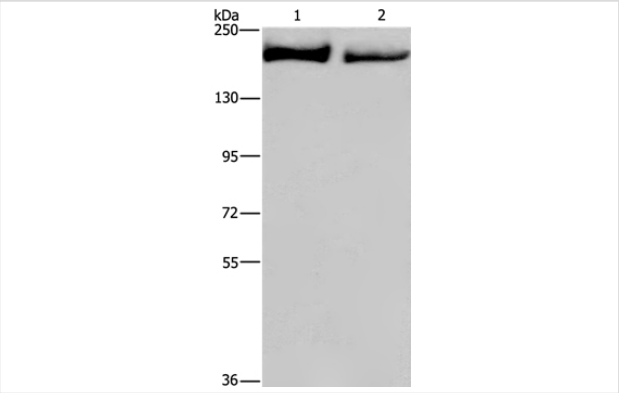
Description

Product Name	KIDINS220 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu Rt
Specificity	The antibody detects endogenous levels of total KIDINS220 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human kinase D-interacting substrate, 220kDa
Target Name	KIDINS220
Other Names	ARMS
Accession No.	Swiss-Prot#: Q9ULH0NCBI Gene ID: 57498Gene Accssion: NP_065789
Uniprot	Q9ULH0
GeneID	57498;
SDS-PAGE MW	197kd
Concentration	3.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Images



Gel: 6%SDS-PAGE
Lysates (from left to right): Raji and Hela cell
Amount of lysate: 40ug per lane
Primary antibody: 1/200 dilution
Secondary antibody dilution: 1/8000
Exposure time: 20 seconds

Background

Ankyrin repeat-rich membrane-spanning protein (ARMS), also designated kinase D-interacting substance 220 or Kidins220, is a highly conserved

protein containing multiple domains, including four putative transmembrane domains and several ankyrin repeats. ARMS is expressed in regions rich in neurotrophin (Trk) and ephrin (Eph) receptors, such as the brain and neuroendocrine cells (where it concentrates at the tip of neurites) and in plastic areas of the adult brain. It is also detected in peripheral blood immature dendritic cells and PC12 cells. ARMS functions as a substrate for protein kinase D and is a downstream target for both Trk and Eph receptors. It is a highly conserved protein, which suggests it has an evolutionary conserved role. The gene encoding for the protein maps to chromosome 2p24.

Note: This product is for in vitro research use only