



KDIS rabbit pAb

Catalog No	YP-Ab-08339
Isotype	IgG
Reactivity	Human;Rat
Applications	WB
Gene Name	KIDINS220 ARMS KIAA1250
Immunogen	Synthesized peptide derived from human KDIS AA range: 1023-1073
Specificity	This antibody detects endogenous levels of KDIS at Human/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Ankyrin repeat-rich membrane-spanning protein;arms;KDIS_HUMAN;kidins22; Kinase D interacting substance of 22 kDa;Kinase D-interacting substrate of 22 kDa;rgd 619949;KDIS;KIDINS220 ARMS KIAA1250
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Membrane ; Multi-pass membrane protein . Late endosome . Localized at late endosome before or after nerve growth factor (NGF) stimulation.
Tissue Specificity	Abundant in developing and adult neural tissues as well as neuroendocrine cells and dendritic cells. Overexpressed in melanoma and melanoma cell lines.
Function	domain:The transmembrane domain mediates interaction with NTRK1., function:Promotes a prolonged MAP-kinase signaling by neurotrophins through activation of a Rap1-dependent mechanism. Provides a docking site for the CRKL-C3G complex, resulting in Rap1-dependent sustained ERK activation. May play an important role in regulating postsynaptic signal transduction through the syntrophin-mediated localization of receptor tyrosine kinases such as EPHA4. In cooperation with SNTA1 can enhance EPHA4-induced JAK/STAT activation. May play a role in neurotrophin- and ephrin-mediated neuronal outgrowth and in axon guidance during neural development and in neuronal



regeneration (By similarity). Modulates stress-induced apoptosis of melanoma cells via regulation of the MEK/ERK signaling pathway.,PTM:Tyrosine phosphorylated by NTRK1, NTRK2, EPHB2 and EPHA4. Phosphorylation at Ser-918 is induced by phorbol

Background

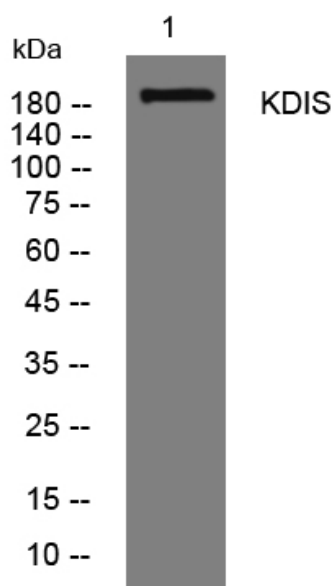
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from 3T3 cells, primary antibody was diluted at 1:1000, 4° over night