KIDINS220 Polyclonal antibody

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Catalog Number:21856-1-AP   Featured Product   6 Publications

Basic Information

Catalog Number:
21856-1-AP

Size:
150ul , Concentration: 700 μg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG16448

GenBank Accession Number:
BC130610

GeneID (NCBI):
57498

UNIPROT ID:
Q9ULH0

Full Name:
kinase D-interacting substrate, 220kDa

Calculated MW:
1672 aa, 187 kDa

Observed MW:
186-197 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:2000

Applications

Tested Applications:
WB, ELISA

Cited Applications:
WB, IP, IHC

Species Specificity:
human

Cited Species:
human, mouse

Positive Controls:
WB : HeLa cells, HEK-293 cells, human brain tissue, Raji cells

Background Information

Kidins220 (Kinase D-interacting substrate 220 kD) is a crucial mediator of signal transduction in neural tissues. Also it named ARMS(Ankyrin Repeat-Rich Membrane Spanning) due to the presence of ankyrin repeats and transmembrane domains together with other binding motifs. It is a multidomain transmembrane protein that not only transduces signaling mediated by the receptor tyrosine kinase (RTK), but also regulates the stability of cytoskeletal network through a number of cytoskeleton-associated proteins, including Septin5, MAPs , and stathmin family members. KIDINS220 exists some isoforms with MV 194 kDa, 185 kDa, 115 kDa, and 60 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Aurelia Stangl	31541095	Nat Commun	WB
Gina J Fiala	26324445	J Exp Med	WB
Matthew Gallon	25136126	Proc Natl Acad Sci U S A	WB, IP

Storage

Storage:
Store at -20℃. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage
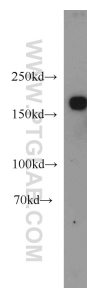
*** 20ul sizes contain 0.1% BSA

HeLa cells were subjected to SDS PAGE followed by western blot with 21856-1-AP (KIDINS220 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.