

Product datasheet for **TA351326**

KIDINS220 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: Raji and Hela cells
Reactivity:	Human, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human KIDINS220
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	197 kDa
Gene Name:	kinase D-interacting substrate 220kDa
Database Link:	NP_065789 Entrez Gene 116478 Rat Entrez Gene 57498 Human Q9ULH0



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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.

Synonyms:

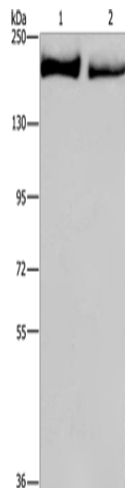
ARMS

Protein Families:

Druggable Genome, Transmembrane

Protein Pathways:

Neurotrophin signaling pathway

Product images:

Gel: 6%SDS-PAGE

Lysate: 40 µg

Lane 1-2: Raji cells

HeLa cells

Primary antibody: TA351326 (KIDINS220
Antibody) at dilution 1/200Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution

Exposure time: 20 seconds