

OriGene Technologies, Inc.

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Product datasheet for TA356813

KIDINS220 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human KIDINS220
Specificity:	Expected reactivity : Cow; Dog; Guinea Pig; Horse; Human; Mouse; Rat; Zebrafish Homology : Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 93%; Rat: 100%; Zebrafish: 93%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	543
Gene Name:	kinase D-interacting substrate 220kDa
Database Link:	<u>Entrez Gene 57498 Human</u> <u>Q9ULH0-5</u>



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KIDINS220 Rabbit Polyclonal Antibody – TA356813

Background: Promotes a prolonged MAP-kinase signaling by neurotrophins through activation of a Rap1dependent mechanism. Provides a docking site for the CRKL-C3G complex, resulting in Rap1dependent 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. Plays a role in nerve growth factor (NGF)-induced recruitment of RAPGEF2 to late endosomes and neurite outgrowth. May play a role in neurotrophin- and ephrin-mediated neuronal outgrowth and in axon guidance during neural development and in neuronal regeneration. Modulates stress-induced apoptosis of melanoma cells via regulation of the MEK/ERK signaling pathway.

Synonyms:

Product images:

ARMS; KIAA1250; MGC163482

168 kDa 144 kDa Host: Rabbit 90 kDa Antibody Dilution: 1.0µg/ml 65 kDa_

40 kDa_

Target Name: KIDINS220 Sample Type: HT1080 Cell Lysate

Host: Rabbit Target Name: KIDINS220 Sample Tissue: Human HT1080 Whole Cell lysates Antibody Dilution: 1ug/ml

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