

Rabbit anti-Human NRXN1 Polyclonal Antibody | anti-NRXN1 antibody

NRXN1 Antibody

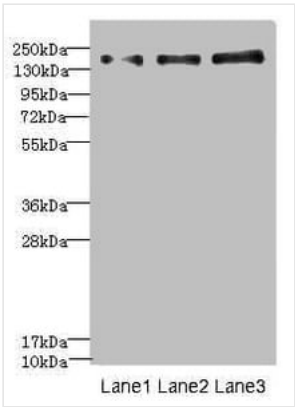
CATALOG # AAA232158	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

NRXN1; Polyclonal Antibody; NRXN1 Antibody; Neurexin-1; Neurexin I-alpha; Neurexin-1-alpha; KIAA0578; anti-NRXN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	1547
Applicable Applications for anti-NRXN1 antibody	WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Neurexin-1 protein (31-310AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Immunogen Species	Homo sapiens (Human)
Research Area	Neuroscience
Target Names	NRXN1
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



WB (Western Blot)
Western blotAll lanes: NRXN1antibody at 1.57ug/mlLane 1: Jurkat whole cell lysateLane 2: Hela whole cell lysateLane 3: HepG-2 whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 162,165,170,47,16 kDaObserved band size: 162 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-NRXN1 antibody	Cell surface protein involved in cell-cell-interactions, exocytosis of secretory granules and regulation of signal transmission. Function is isoform-specific. Alpha-type isoforms have a long N-terminus with six laminin G-like domains and play an important role in synaptic signal transmission. Alpha-type isoforms play a role in the regulation of calcium channel activity and Ca(2+)-triggered neurotransmitter release at synapses and at neuromuscular junctions. They play an important role in Ca(2+)-triggered exocytosis of secretory granules in pituitary gland. They may effect their functions at synapses and in endocrine cells via their interactions with proteins from the exocytotic machinery. Likewise, alpha-type isoforms play a role in regulating the activity of postsynaptic NMDA receptors, a subtype of glutamate-gated ion channels. Both alpha-type and beta-type isoforms may play a role in the formation or maintenance of synaptic junctions via their calcium-dependent interactions (via the extracellular domains) with neuroligin family members, CBLN1 or CBLN2. In vitro, triggers the de novo formation of presynaptic structures. May be involved in specification of excitatory synapses. Alpha-type isoforms were first identified as receptors for alpha-latrotoxin from spider venom (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	208609951
NCBI GeneID	9378
NCBI Accession #	NP_001129131.1
NCBI GenBank Nucleotide #	NM_001135659.2
UniProt Accession #	Q9ULB1; O60323; Q53TJ9; Q53TQ1; Q5HYI0; Q9C079; Q9C080; Q9C081; Q9H3M2; Q9UDM6; A7KRL9; P58400
NCBI Official Full Name	neurexin-1 isoform alpha2
NCBI Official Synonym Full Names	neurexin 1
NCBI Official Symbol	NRXN1
NCBI Official Synonym Symbols	PTHSL2; SCZD17; Hs.22998
NCBI Protein Information	neurexin-1
UniProt Protein Name	Neurexin-1
UniProt Gene Name	NRXN1
UniProt Synonym Gene Names	KIAA0578
UniProt Entry Name	NRX1A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nrxn1-antibody-western-blot-elisa/232158>