

Rabbit NRXN1 Polyclonal Antibody | anti-NRXN1 antibody

NRXN1 Polyclonal Antibody

CATALOG # AAA280651	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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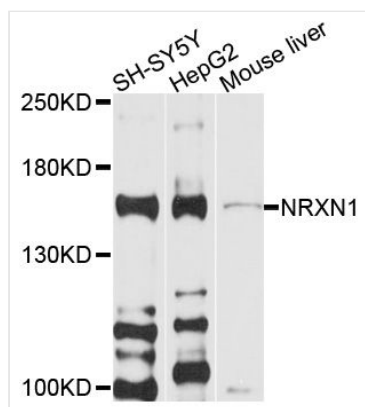
PRODUCT SYNONYMS

NRXN1; Polyclonal Antibody; NRXN1 Polyclonal Antibody; anti-NRXN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	1547
Applicable Applications for anti-NRXN1 antibody	WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 31-310 of human NRXN1 (NP_001129131.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using NRXN1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-NRXN1 antibody	This gene encodes a single-pass type I membrane protein that belongs to the neurexin family. Neurexins are cell-surface receptors that bind neuroligins to form Ca(2+)- dependent neurexin/neuroligin complexes at synapses in the central nervous system. This complex is required for efficient neurotransmission, and is involved in the formation of synaptic contacts. Three members of this gene family have been studied in detail and are estimated to generate over 3,000 variants through the use of two alternative promoters (alpha and beta) and extensive alternative splicing in each family member. Recently, a third promoter (gamma) was identified for this gene in the 3' region. The RefSeq project has decided to create only a few representative transcript variants of the multitude that are possible. Mutations in this gene are associated with Pitt-Hopkins-like syndrome-2.
Product Categories/Family for anti-NRXN1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	208609951
NCBI GeneID	9378
NCBI Accession #	NP_001129131.1
NCBI GenBank Nucleotide #	NM_001135659.1
UniProt Accession #	Q9ULB1; O60323; Q53TJ9; Q53TQ1; Q5HYI0; Q9C079; Q9C080; Q9C081; Q9H3M2; Q9UDM6; A7KRL9; P58400
Molecular Weight	Observed MW: 162kDa Calculated MW: 15kDa/46kDa/161kDa/164kDa/169kDa
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/280651>