

Rabbit NRN1 Polyclonal Antibody | anti-NRN1 antibody

NRN1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328629	Rabbit	Human, Mouse, RatPredicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken	Western Blot

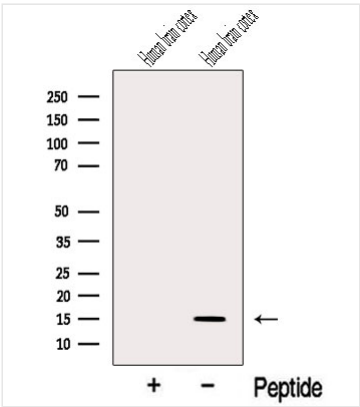
PRODUCT SYNONYMS

NRN1; Polyclonal Antibody; NRN1 Antibody; Neuritin 1; Neuritin; NRN; Nrn1; NRN1_HUMAN; OTTHUMP00000015989; RP3 380B8.2 protein; anti-NRN1 antibody

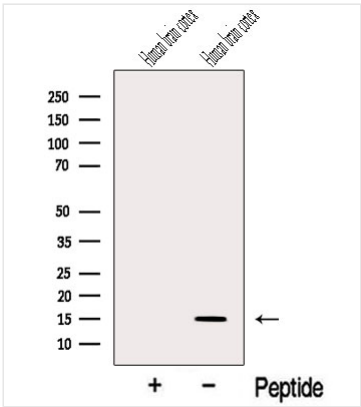
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Clonality	Polyclonal
Isotype	IgG
Specificity	NRN1 Antibody detects endogenous levels of NRN1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	142
Applicable Applications for anti-NRN1 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human NRN1.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Plasma Membrane
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from Human brain cortex tissue., using NRN1 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from various samples, using NRN1 Antibody.Lane 1: HepG2 treated with blocking peptide;Lane 2: HepG2;Lane 3: Mouse brain;Lane 4: Rat brain;Lane 5: Rat muscle.

ADDITIONAL INFORMATION

Related Product Information for anti-NRN1 antibody	Description: Promotes neurite outgrowth and especially branching of neuritic processes in primary hippocampal and cortical cells.
	Subunit Structure: Component of the outer core of AMPAR complex. AMPAR complex consists of an inner core made of 4 pore-forming GluA/GRIA proteins (GRIA1, GRIA2, GRIA3 and GRIA4) and 4 major auxiliary subunits arranged in a twofold symmetry. One of the two pairs of distinct binding sites is occupied either by CNIH2, CNIH3 or CACNG2, CACNG3. The other harbors CACNG2, CACNG3, CACNG4, CACNG8 or GSG1L. This inner core of AMPAR complex is complemented by outer core constituents binding directly to the GluA/GRIA proteins at sites distinct from the interaction sites of the inner core constituents. Outer core constituents include at least PRRT1, PRRT2, CKAMP44/SHISA9, FRRS1L and NRN1. The proteins of the inner and outer core serve as a platform for other, more peripherally associated AMPAR constituents. Alone or in combination, these auxiliary subunits control the gating and pharmacology of the AMPAR complex and profoundly impact their biogenesis and protein processing (By similarity).
	Similarity: Belongs to the neuritin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	525314165
NCBI GeneID	51299
NCBI Accession #	NP_001265639.1
NCBI GenBank Nucleotide #	NP_001265639.1
UniProt Accession #	Q9NPD7
Molecular Weight	Observed: 15 kDa Predicted: 16 kDa
NCBI Official Full Name	neuritin isoform 1
NCBI Official Synonym Full Names	neuritin 1
NCBI Official Symbol	NRN1
NCBI Official Synonym Symbols	NRN; dJ380B8.2
NCBI Protein Information	neuritin
UniProt Protein Name	Neuritin

UniProt Gene Name	NRN1
UniProt Synonym Gene Names	NRN
UniProt Entry Name	NRN1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/nrn1-antibody-western-blot-elisa/328629>