

Rabbit anti-Human, Mouse Neuritin Polyclonal Antibody | anti-NRN1 antibody

Neuritin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304697	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

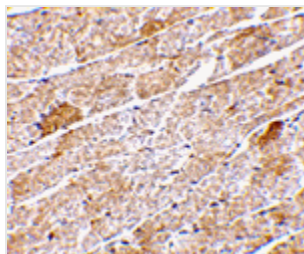
PRODUCT SYNONYMS

Neuritin; Polyclonal Antibody; Neuritin Antibody; NRN1; cpg15; anti-NRN1 antibody

PRODUCT SPECIFICATIONS

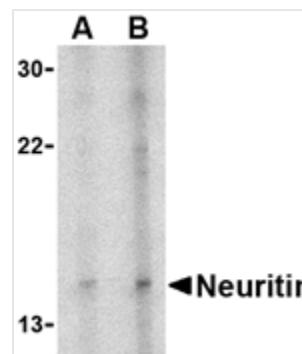
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	142
Applicable Applications for anti-NRN1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 20 amino acid peptide from near the center of human neuritin.
Target Name	Neuritin
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of Neuritin in mouse heart tissue with Neuritin antibody at 5 ug/mL.



WB (Western Blot)

Western blot analysis of neuritin in Daudi cell lysate with neuritin antibody at (A) 5 and (B) 10 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-NRN1 antibody	As the nervous system of a complex organism develops, it establishes functional networks through the growth and retraction of synaptic connections from growing axons and dendrites. This synaptic remodeling involves neuro-transmitter signaling, activation of neurotrophin receptors and alterations in gene expression. One such gene whose expression is increased by neural activity is neuritin, a GPI-anchored protein that is expressed in postmitotic differentiating neurons of the developing nervous system. Its expression is also induced by the neurotrophins BDNF and NT-3. Purified recombinant neuritin promotes neurite outgrowth and arborization in primary embryonic neuronal cultures, suggesting that neuritin may play a role as a downstream effector of activity-induced neurite outgrowth. More recent experiments have shown that neuritin is required for the androgen-induced axonal elongation in motor neurons and is upregulated following spinal cord injury, suggesting that neuritin may also play a role in survival and axonal regeneration.
Product Categories/Family for anti-NRN1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706123
NCBI GeneID	51299
NCBI Accession #	NP_057672
NCBI GenBank Nucleotide #	NM_016588.2
Molecular Weight	15,333 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/neuritin-antibody-immunohistochemistry-western-blot-elisa/304697>