

NRTN Polyclonal Antibody | anti-NRTN antibody

Anti-NRTN Antibody Picoband

CATALOG #	REACTIVITY	APPLICATIONS
AAA19855	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

NRTN; Polyclonal Antibody; Anti-NRTN Antibody Picoband; anti-NRTN antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized. Each vial contains 4 mg Trehalose, 0.9 mg NaCl and 0.2 mg Na ₂ HPO ₄ .
Applicable Applications for anti-NRTN antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	WB: 0.25-0.5ug/ml, Human, Mouse IHC: 2-5ug/ml, Human, Mouse, Rat ELISA: 0.1-0.5ug/ml
Immunogen	E coli-derived human Neurturin/NRTN recombinant protein (Position: M1-V197). Human Neurturin/NRTN shares 86.3% amino acid (aa) sequence identity with mouse Neurturin/NRTN.
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.

ADDITIONAL INFORMATION

Related Product Information for anti-NRTN antibody	The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Product Categories/Family for anti-NRTN antibody	Primary Antibodies
References	1. Doray, B., Salomon, R., Amiel, J., Pelet, A., Touraine, R., Billaud, M., Attie, T., Bachy, B., Munnich, A., Lyonnet, S. Mutation of the RET ligand, neurturin, supports multigenic inheritance in Hirschsprung disease. Hum. Molec. Genet. 7: 1449-1452, 1998. Note: Erratum: Hum. Molec. Genet. 7: 1831 only, 1998. 2. Heuckeroth, R. O., Kotzbauer, P., Copeland, N. G., Gilbert, D. J., Jenkins, N. A., Zimonjic, D. B., Popescu, N. C., Johnson, E. M., Jr., Milbrandt, J. Neurturin, a novel neurotrophic factor, is localized to mouse chromosome 17 and human chromosome 19p13.3. Genomics 44: 137-140, 1997.3. Kotzbauer, P. T., Lampe, P. A., Heuckeroth, R. O., Golden, J. P., Creedon, D. J., Johnson, E. M., Jr., Milbrandt, J. Neurturin, a relative of glial-cell-line-derived neurotrophic factor. Nature 384: 467-470, 1996.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758826
NCBI GeneID	4902
NCBI Accession #	NP_004549.1
NCBI GenBank Nucleotide #	NM_004558.3
UniProt Accession #	Q99748; B2RPE8
Molecular Weight	22,405 Da
NCBI Official Full Name	neurturin preproprotein
NCBI Official Synonym Full Names	neurturin
NCBI Official Symbol	NRTN
NCBI Official Synonym Symbols	NTN
NCBI Protein Information	neurturin; prepro-neurturin
UniProt Protein Name	Neurturin
UniProt Gene Name	NRTN
UniProt Entry Name	NRTN_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.