

NRTN antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14997**Specification**

NRTN antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q99748
Other Accession	NM_004558 , NP_004549
Reactivity	Human, Mouse, Rat, Pig, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Pig, Chicken, Bovine, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22kDa kDa

NRTN antibody - C-terminal region - Additional Information**Gene ID** 4902

Alias Symbol	NTN
Other Names	
Neurturin, NRTN	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-NRTN antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

NRTN antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

NRTN antibody - C-terminal region - Protein Information**Name** NRTN {ECO:0000303|PubMed:31535977, ECO:0000312|HGNC:HGNC:8007}**Function**

Growth factor that supports the survival of sympathetic neurons in culture (PubMed:[8945474](http://www.uniprot.org/citations/8945474)). May regulate the development and maintenance of the CNS (PubMed:[8945474](http://www.uniprot.org/citations/8945474)). Involved in the development of the neural crest (PubMed:[15242795](http://www.uniprot.org/citations/15242795)). Might control the size of non-neuronal cell population such as haemopoietic cells (PubMed:[8945474](http://www.uniprot.org/citations/8945474))

target="_blank">8945474). Acts by binding to its coreceptor, GFRA2, leading to autophosphorylation and activation of the RET receptor (PubMed:10829012, PubMed:29414779, PubMed:31535977). Heparan sulfate- binding is required for signaling (PubMed:29414779).

Cellular Location

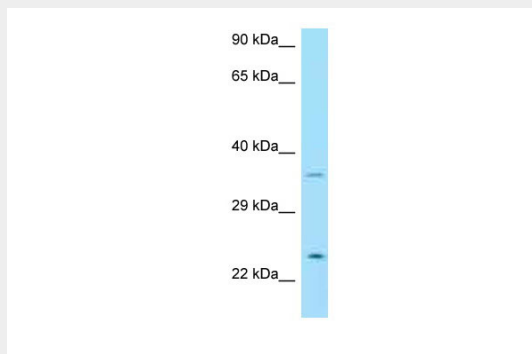
Secreted {ECO:0000250|UniProtKB:P97463}.

NRTN antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NRTN antibody - C-terminal region - Images



WB Suggested Anti-NRTN Antibody Titration: 1.0 µg/ml

Positive Control: THP-1 Whole Cell

NRTN antibody - C-terminal region - References

Kotzbauer P.T.,et al.Nature 384:467-470(1996).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Doray B.,et al.Hum. Mol. Genet. 7:1449-1452(1998).