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NRTN antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14997

Product Information

Application	WB
Primary Accession	Q99748
Other Accession	NM_004558, NP_004549
Reactivity	Human, Mouse, Rat, Pig, Dog, Guinea Pig, Bovine
Predicted	Human, Mouse, Rat, Pig, Chicken, Guinea Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22405

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.

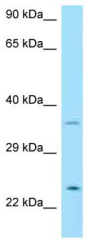
Protein Information

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). May regulate the development and maintenance of the CNS (PubMed:8945474). Involved in the development of the neural crest (PubMed:15242795). Might control the size of non- neuronal cell population such as haemopoietic cells (PubMed: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}.

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).

Images



WB Suggested Anti-NRTN Antibody Titration: 1.0 µg/ml
Positive Control: THP-1 Whole Cell

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.