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CNTNAP1 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12581

Product Information

Application	WB
Primary Accession	P78357
Other Accession	NM_003632, NP_003623
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	156267

Additional Information

Gene ID	8506
Alias Symbol	CASPR, CNTNAP, NRXN4, P190
Other Names	Contactin-associated protein 1, Caspr, Caspr1, Neurexin IV, Neurexin-4, p190, CNTNAP1, CASPR, NRXN4
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-CNTNAP1 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	CNTNAP1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

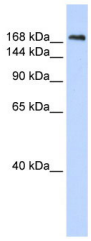
Name	CNTNAP1
Synonyms	CASPR, NRXN4
Function	Required, with CNTNAP2, for radial and longitudinal organization of myelinated axons. Plays a role in the formation of functional distinct domains critical for saltatory conduction of nerve impulses in myelinated nerve fibers. Demarcates the paranodal region of the axo-glial junction. In association with contactin involved in the signaling between axons and myelinating glial cells.
Cellular Location	Membrane; Single-pass type I membrane protein. Cell junction, paranodal septate junction {ECO:0000250|UniProtKB:O54991}

Tissue Location	Predominantly expressed in brain. Weak expression detected in ovary, pancreas, colon, lung, heart, intestine and testis

References

Nie,D.Y.,(2003)EMBOJ.22(21),5666-5678ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.

Images



WB Suggested Anti-CNTNAP1 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: Human Lung

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