

CNTNAP1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12581**Specification**

CNTNAP1 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P78357
Other Accession	NM_003632 , NP_003623
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	156kDa KDa

CNTNAP1 antibody - N-terminal region - 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.

CNTNAP1 antibody - N-terminal region - 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}

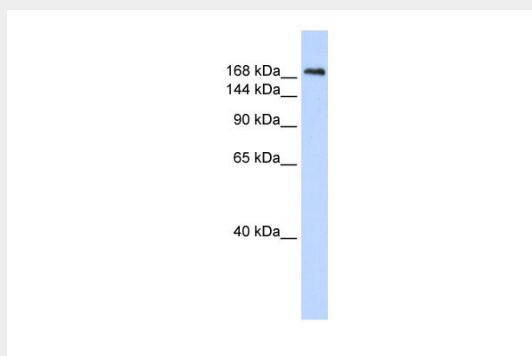
Tissue Location

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

CNTNAP1 antibody - N-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](#)

CNTNAP1 antibody - N-terminal region - Images

WB Suggested Anti-CNTNAP1 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:1562500

Positive Control: Human Lung

CNTNAP1 antibody - N-terminal region - References

Nie, D.Y., (2003) EMBO J. 22(21), 5666-5678. Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.