

Caspr1 Rabbit mAb
Catalog # AP77749**Specification**

Caspr1 Rabbit mAb - Product Information

Application	WB, IHC-P
Primary Accession	P78357
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	156267

Caspr1 Rabbit mAb - Additional Information**Gene ID** 8506**Other Names**
CNTNAP1**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A**Format**
Liquid**Caspr1 Rabbit mAb - 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

Caspr1 Rabbit mAb - 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](#)

Caspr1 Rabbit mAb - Images

