

Caspr1 Rabbit mAb

Catalog # AP77749

Product Information

Application	WB, IHC-P
Primary Accession	P78357
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human Caspr
Purification	Affinity Chromatography
Calculated MW	156267

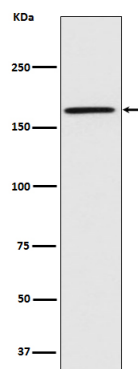
Additional Information

Gene ID	8506
Other Names	CNTNAP1
Dilution	WB~~1/500-1/1000 IHC-P~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

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

Images



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