

Caspr2 Rabbit mAb

Catalog # AP78493

Product Information

Application	WB, IHC-P
Primary Accession	Q9UHC6
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human CNTP2
Purification	Affinity Purified
Calculated MW	148167

Additional Information

Gene ID	26047
Other Names	CNTNAP2
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.

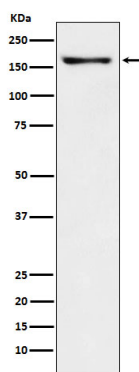
Protein Information

Name	CNTNAP2
Synonyms	CASPR2 {ECO:0000303 PubMed:10624965}, KI
Function	Required for gap junction formation (Probable). Required, with CNTNAP1, 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 juxtaparanodal region of the axo-glial junction.
Cellular Location	Membrane {ECO:0000250 UniProtKB:Q9CPW0}; Single-pass type I membrane protein. Cell projection, axon {ECO:0000250 UniProtKB:Q9CPW0}. Cell junction, paranodal septate junction {ECO:0000250 UniProtKB:Q9CPW0}. Note=Expressed in the juxtaparanodal region. {ECO:0000250 UniProtKB:Q9CPW0}

Tissue Location

Predominantly expressed in nervous system.

Images



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