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CNTP2 Antibody

Rabbit mAb
Catalog # AP92614

Product Information

Application	WB, IHC
Primary Accession	Q9UHC6
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	AUTS15; CDFE; CNTNAP2; CNTP2; NRXN4; PTHSL1;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	148167

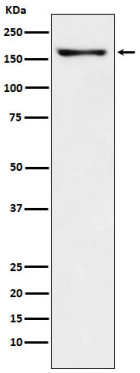
Additional Information

Dilution	WB 1:500~1:1000 IHC 1:100~1:500
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human CNTP2
Description	May play a role in the formation of functional distinct domains critical for saltatory conduction of nerve impulses in myelinated nerve fibers. Seems to demarcate the juxtaparanodal region of the axo-glial junction.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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 juxtaparadonal region. {ECO:0000250|UniProtKB:Q9CPW0}
Tissue Location	Predominantly expressed in nervous system.

Images



Western blot analysis of CNTP2 expression in Mouse brain lysate.

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