

Anti-CNTP2 Rabbit Monoclonal Antibody

Catalog # ABO16031

Product Information

Application	WB, IHC
Primary Accession	Q9UHC6
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-CNTP2 Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	26047
Other Names	Contactin-associated protein-like 2, Cell recognition molecule Caspr2, CNTNAP2, CASPR2 {ECO:0000303 PubMed:10624965}, KIAA0868
Calculated MW	148167
Application Details	WB 1:500-1:1000 IHC 1:100-1:500
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 26C10
Immunogen	A synthesized peptide derived from human CNTP2
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated 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

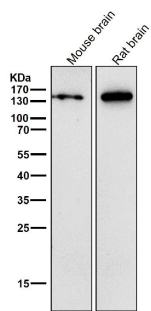
Membrane {ECO:0000250|UniProtKB:Q9CPW0}; Single- pass type I membrane protein. Cell projection, axon {ECO:0000250|UniProtKB:Q9CPW0}. Cell junction, paranodal septate junction {ECO:0000250|UniProtKB:Q9CPW0}. Note=Expressed in the juxtaparanodal region. {ECO:0000250|UniProtKB:Q9CPW0}

Tissue Location

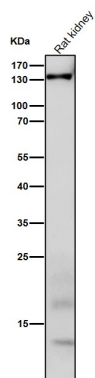
Predominantly expressed in nervous system.

Images

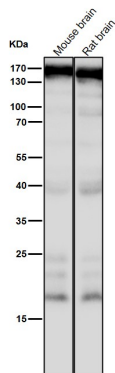
All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.



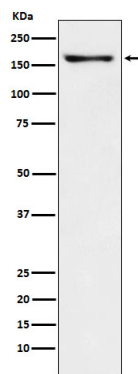
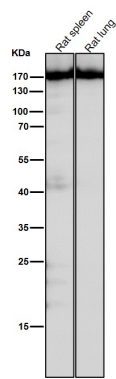
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Western blot analysis of CNTP2 expression in Mouse brain lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.