

**CNTP2 Antibody**  
**Rabbit mAb**  
**Catalog # AP92614****Specification**

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**CNTP2 Antibody - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">Q9UHC6</a>
Reactivity	Rat
Clonality	Monoclonal

**Other Names**

AUTS15; CDFE; CNTNAP2; CNTP2; NRXN4; PTHSL1;

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	148167 Da

**CNTP2 Antibody - Additional Information**

Dilution	WB~~1:1000 IHC~~1:100~500
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.

**CNTP2 Antibody - 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

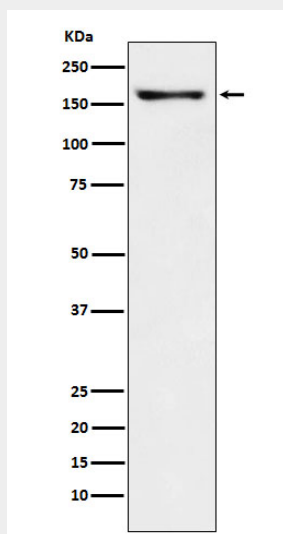
Predominantly expressed in nervous system.

#### CNTP2 Antibody - 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](#)

#### CNTP2 Antibody - Images



Western blot analysis of CNTP2 expression in Mouse brain lysate.