

Anti-CNTNAP2 / CASPR2 Antibody (C-Terminus)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17453**Specification**

Anti-CNTNAP2 / CASPR2 Antibody (C-Terminus) - Product Information

Application	WB, IHC-P
Primary Accession	O9UHC6
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	148167
Dilution	WB~~1:1000 IHC-P~~N/A

Anti-CNTNAP2 / CASPR2 Antibody (C-Terminus) - Additional Information**Gene ID** 26047**Alias Symbol** CNTNAP2
Other Names
CNTNAP2, AUTS15, CDFE, CASPR2, KIAA0868, PTHSL1, NRXN4**Target/Specificity**

Endogenous levels of mouse and rat Caspr2. It is predicted to react with human Caspr2 according to sequence homology. Positive Control: mouse brain and rat brain.

Reconstitution & Storage

Lyophilized from PBS, pH 7.4, 0.02% sodium azide. Store lyophilized at -20°C. The reconstituted product can be stored for short term at 4 °C or long term at -20 °C or below. Avoid freeze/thaw cycles.

Precautions

Anti-CNTNAP2 / CASPR2 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-CNTNAP2 / CASPR2 Antibody (C-Terminus) - 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.

Anti-CNTNAP2 / CASPR2 Antibody (C-Terminus) - 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](#)

Anti-CNTNAP2 / CASPR2 Antibody (C-Terminus) - Images