

Anti-CNTP2 Rabbit Monoclonal Antibody
Catalog # ABO16031**Specification**

Anti-CNTP2 Rabbit Monoclonal Antibody - 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.

Anti-CNTP2 Rabbit Monoclonal Antibody - 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

160 kDa KDa

Application Details

WB 1:500-1:1000
IHC 1:100-1:500

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.

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.

Anti-CNTP2 Rabbit Monoclonal 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 juxtaparanodal region. {ECO:0000250|UniProtKB:Q9CPW0}

Tissue Location

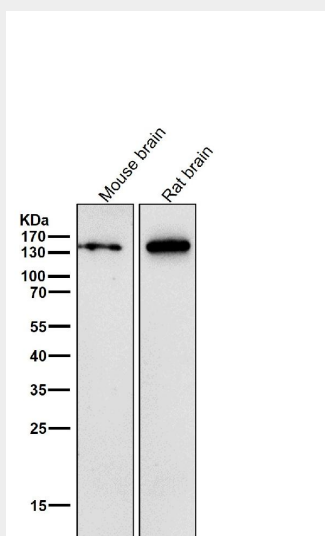
Predominantly expressed in nervous system.

Anti-CNTP2 Rabbit Monoclonal Antibody - Protocols

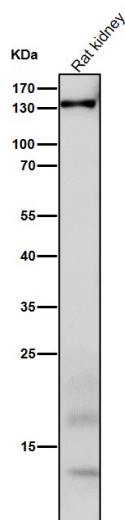
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

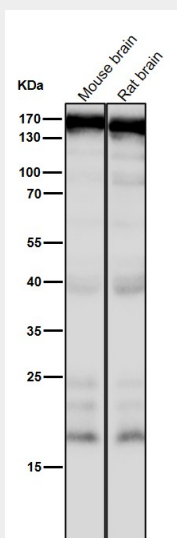
Anti-CNTP2 Rabbit Monoclonal Antibody - Images



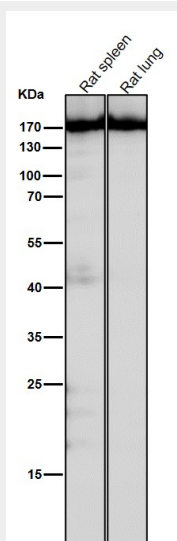
All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.



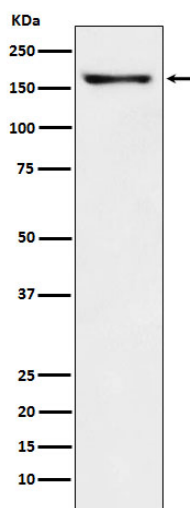
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



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.