

## Caspr2/CNTNAP2 Rabbit mAb[B6H5]

Cat NO. :A45240

### Information:

Applications	Reactivity:	UniProt ID:	MW(kDa)	Host	Isotype	Size
WB	H,M,R	Q9UHC6	160kDa	Rabbit	IgG	50ul 100ul,200ul

### Applications detail:

Application	Dilution
WB	1:1000-2000
The optimal dilutions should be determined by the end user	

### Conjugate:

UnConjugate

### Form:

Liquid

### sensitivity:

Endogenous

### Purification:

Protein A purification

### Specificity:

Antibody is produced by immunizing animals with a synthetic peptide of human Caspr2/CNTNAP2.

### Storage buffer and conditions:

Antibody store in 10 mM PBS, 0.5mg/ml BSA, 50% glycerol (buffer) .

Shipped at 4°C. Store at-20°C or -80°C.

Products are valid for one natural year of receipt.Avoid repeated freeze / thaw cycles.

### Tissue specificity:

Predominantly expressed in nervous system..

### Subcellular location:

Membrane,Single-pass type I membrane protein. Cell projection, axon. Cell junction, paranodal septate junction.

### 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..

**Introduction:** **WB:** Western Blot **IP:** Immunoprecipitation **IHC:** Immunohistochemistry **ChIP:** Chromatin Immunoprecipitation **ICC/IF:** Immunocytochemistry/Immunofluorescence **F:** Flow Cytometry

**Cross Reactivity:** **H:** human **M:** mouse **R:** rat **Hm:** hamster **Mk:** monkey **Vir:** virus **Mi:** mink **C:** chicken **Dm:** D. melanogaster **X:** Xenopus **Z:** zebrafish **B:** bovine **Dg:** dog **Pg:** pig **Hr:** horse

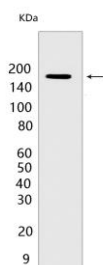
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## Validation Data:

### Caspr2/CNTNAP2 Rabbit mAb[B6H5] Images

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Western blot ( SDS PAGE ) analysis of extracts from  
Mouse spinal cord tissue lysate.Using Caspr2/CNTNAP2  
Rabbit mAb IgG [B6H5] at dilution of 1:1000 incubated at

View more information on <http://naturebios.com>

**IMPORTANT:** For western blots, incubate membrane with diluted primary antibody in 1% w/v Milk, 1X TBST at 4°C overnight.

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