

**bsm-62390R****[ Primary Antibody ]****CNTNAP2 Recombinant Rabbit mAb****Bioss**  
**ANTIBODIES**

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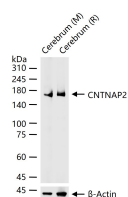
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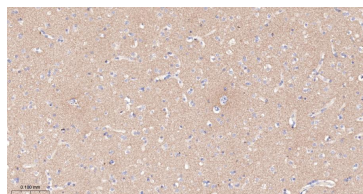
400-901-9800

**— DATASHEET —**

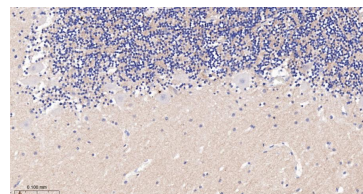
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000) <b>IHC-P</b> (1:50-200) <b>IHC-F</b> (1:50-200) <b>IF</b> (1:50-200)  <b>Reactivity:</b> Human, Mouse, Rat  <b>Predicted MW.:</b> 148  <b>Subcellular Location:</b> Cell membrane
<b>Clonality:</b> Recombinant		
<b>GeneID:</b> 26047	<b>SWISS:</b> Q9UHC6	
<b>Target:</b> CNTNAP2		
<b>Immunogen:</b> A synthesized peptide derived from human CNTNAP2: 1300-1331/1331.		
<b>Purification:</b> affinity purified by Protein A		
<b>Storage:</b> 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> 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.		

**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates (see on figure) probed with CNTNAP2 monoclonal antibody, unconjugated (bsm-62390R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Glioma; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CNTNAP2 Monoclonal Antibody, Unconjugated (bsm-62390R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CNTNAP2 Monoclonal Antibody, Unconjugated (bsm-62390R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.