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Datasheet for ABIN7101562  
**anti-CNTNAP1 antibody**

1 Image

### Overview

Quantity:	20 µL
Target:	CNTNAP1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CNTNAP1 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	A synthesized peptide derived from human Caspr11
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

### Target Details

Target:	CNTNAP1
Alternative Name:	CNTNAP1 ( <a href="#">CNTNAP1 Products</a> )
Background:	The gene product was initially identified as a 190-kD protein associated with the contactin-PTPRZ1 complex. The 1,384-amino acid protein, also designated p190 or CASPR for 'contactin-

## Target Details

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associated protein,' includes an extracellular domain with several putative protein-protein interaction domains, a putative transmembrane domain, and a 74-amino acid cytoplasmic domain. Northern blot analysis showed that the gene is transcribed predominantly in brain as a transcript of 6.2 kb, with weak expression in several other tissues tested. The architecture of its extracellular domain is similar to that of neuexins, and this protein may be the signaling subunit of contactin, enabling recruitment and activation of intracellular signaling pathways in neurons. [provided by RefSeq, Jan 2009],CASPR, CNTNAP, NRXN4, P190,Cell Type Marker,Cell Type Marker\_Oligodendrocyte marker,Neuroscience,CNTNAP1

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Molecular Weight: 165 kDa

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Gene ID: 8506

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UniProt: [P78357](#)

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Pathways: [Cell-Cell Junction Organization](#)

## Application Details

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Application Notes: WB,1:500 - 1:2000

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Restrictions: For Research Use only

## Handling

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Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

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Preservative: Sodium azide

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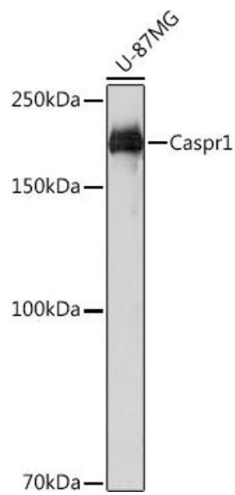
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of U-87MG cells, using Caspr11 Rabbit mAb (ABIN1678680, ABIN7101562, ABIN7101563 and ABIN7101564) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.