

Datasheet for ABIN7148481  
**anti-CNTNAP1 antibody (AA 20-300)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 µL
Target:	CNTNAP1
Binding Specificity:	AA 20-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNTNAP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant Human Contactin-associated protein 1 protein (20-300AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen Affinity Purified

## Target Details

Target:	CNTNAP1
Alternative Name:	CNTNAP1 ( <a href="#">CNTNAP1 Products</a> )
Background:	Background: Seems to play a role in the formation of functional distinct domains critical for saltatory conduction of nerve impulses in myelinated nerve fibers. Seems to demarcate the

## Target Details

paranodal region of the axo-glial junction. In association with contactin may have a role in the signaling between axons and myelinating glial cells.

Aliases: Caspr antibody, Caspr1 antibody, CNTNAP antibody, Cntnap1 antibody, CNTP1\_HUMAN antibody, Contactin associated protein 1 antibody, Contactin-associated protein 1 antibody, MHDNIV antibody, NCP1 antibody, Neurexin 4 antibody, Neurexin IV antibody, Neurexin-4 antibody, Nrnx4 antibody, p190 antibody, Paranodin antibody

UniProt: [P78357](#)

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

## Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

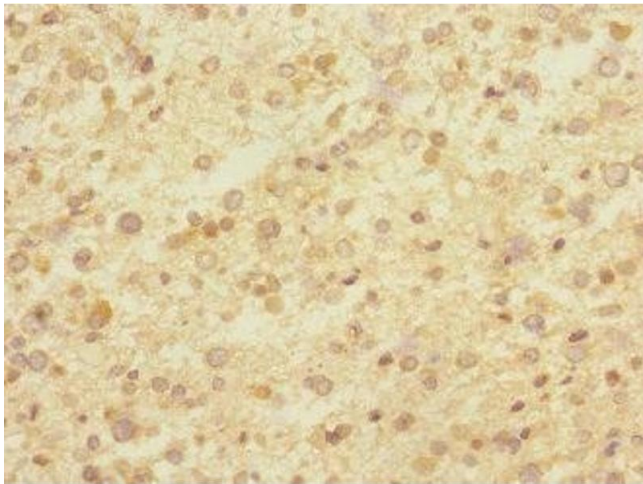
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

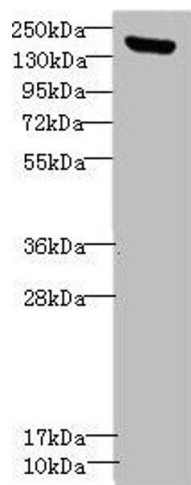
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



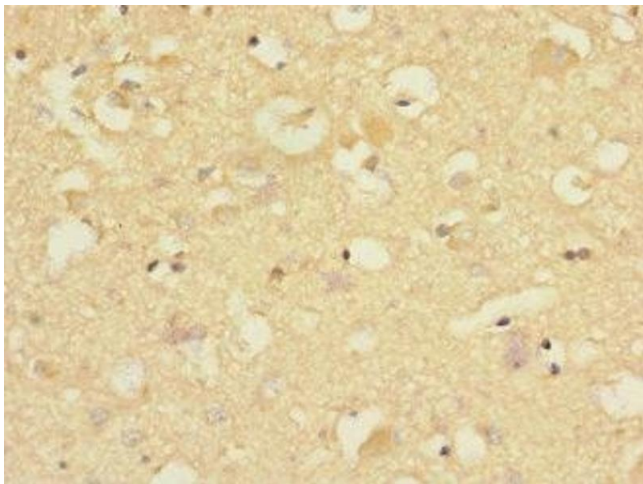
#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human glioma using ABIN7148481 at dilution of 1:100



#### Western Blotting

**Image 2.** Western blot All lanes: CNTNAP1 antibody IgG at 1.36 µg/mL + Mouse brain tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 156 kDa Observed band size: 156 kDa



#### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7148481 at dilution of 1:100