

Datasheet for ABIN652646  
**anti-CNTNAP2 antibody (AA 1079-1106)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	CNTNAP2
Binding Specificity:	AA 1079-1106
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNTNAP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This CNTNAP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1079-1106 amino acids from the Central region of human CNTNAP2.
Clone:	RB22699
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	CNTNAP2
Alternative Name:	CNTNAP2 ( <a href="#">CNTNAP2 Products</a> )
Background:	CNTNAP2 is a member of the neurexin family which functions in the vertebrate nervous system

## Target Details

as cell adhesion molecules and receptors. This protein, like other neurexin proteins, contains epidermal growth factor repeats and laminin G domains. In addition, it includes an F5/8 type C domain, discoidin/neuropilin- and fibrinogen-like domains, thrombospondin N-terminal-like domains and a putative PDZ binding site. This protein is localized at the juxtaparanodes of myelinated axons, and mediates interactions between neurons and glia during nervous system development and is also involved in localization of potassium channels within differentiating axons.

Molecular Weight: 148167

Gene ID: 26047

NCBI Accession: [NP\\_054860](#)

UniProt: [Q9UHC6](#)

## Application Details

Application Notes: WB: 1:1000. IHC-P: 1:50~100

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

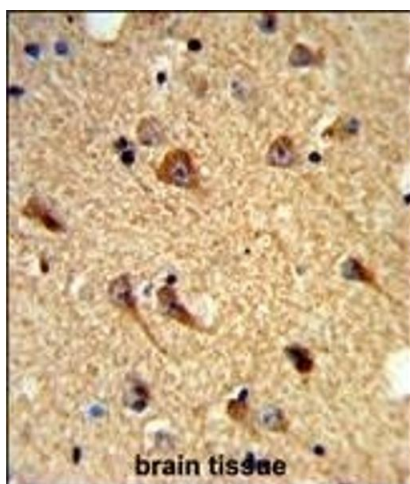
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

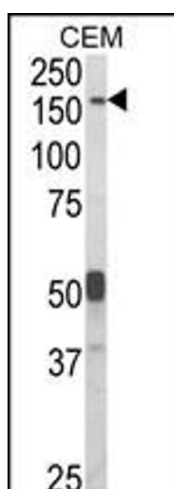
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded mouse brain tissue reacted with CNTN Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



#### Western Blotting

**Image 2.** Western blot analysis of CNTN Antibody (Center) (ABIN652646 and ABIN2842434) in CEM cell line lysates (35 µg/lane). CNTN (arrow) was detected using the purified Pab.