



Datasheet for ABIN2778175
anti-Cnpase antibody (N-Term)



[Go to Product page](#)

5 Images

Overview

Quantity:	100 µL
Target:	Cnpase (CNP)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Sheep, Dog, Pig, Horse, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cnpase antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CNP
Sequence:	YKITPGARGA FSEEEKRLDE DLAAYCRRRD IRILVLDDTN HERERLEQLF
Predicted Reactivity:	Cow: 85%, Dog: 92%, Horse: 100%, Human: 100%, Pig: 92%, Rat: 77%, Sheep: 100%
Characteristics:	This is a rabbit polyclonal antibody against CNP. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	Cnpase (CNP)
Alternative Name:	CNP (CNP Products)

Target Details

Background: 2',3'-Cyclic nucleotide-3'-phosphodiesterase (CNP1 and CNP2) is the major enzyme of central nervous system myelin. It is associated with oligodendroglial plasma membrane and uncompact myelin (myelin-like fraction), which are in contact with glial cytoplasm

Alias Symbols: CNP1

Protein Interaction Partner: UBC, FAM96B, CIAO1, SOX2, MMS19, PEX14, MTNR1A, PRNP, PPP1CA, TUBA1A, PRKCD,

Protein Size: 401

Molecular Weight: 45 kDa

Gene ID: 1267

NCBI Accession: [NM_033133](#), [NP_149124](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 401 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

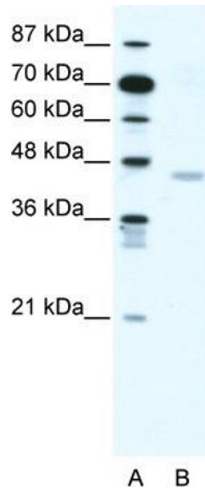
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freeze-thaw cycles.

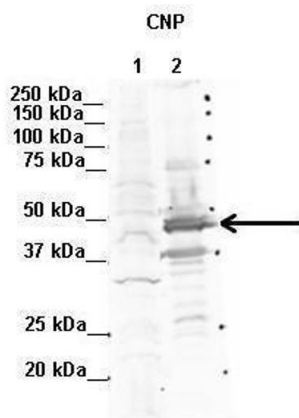
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

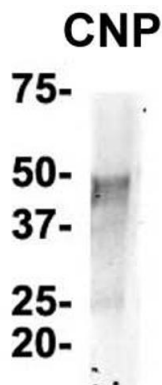
Image 1. WB Suggested Anti-CNP Antibody Titration: 1.25ug/ml Positive Control: Jurkat cell lysate CNP is supported by BioGPS gene expression data to be expressed in Jurkat



Western Blotting

Image 2. Lanes: 1. Human NT-2 cells (60ug) lysate 2. Rat brain extract (80ug) Primary Antibody Dilution: 2ug/ml Secondary Antibody: IRDye 800CW goat anti-rabbit from Li-COR Bioscience Secondary Antibody Dilution: 1: 20,000 Gene Name: CNP Submitted by: Dr. Yuzhi Chen, University of Arkansas for Medical Science

See Immunoblot 2 Data and Customer Feedback for more information



Immunoprecipitation

Image 3. IP Suggested Anti-CNP Antibody Positive Control: NT2 CELL/BRAIN TISSUE

See Other Application 1 Data and Customer Feedback tab for more information.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2778175.