

Rabbit CNP Polyclonal Antibody | anti-CNP antibody

CNP antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197683	Rabbit	Cow, Dog, Horse, Human, Pig, Rat, Sheep	Western Blot, Immunoprecipitation

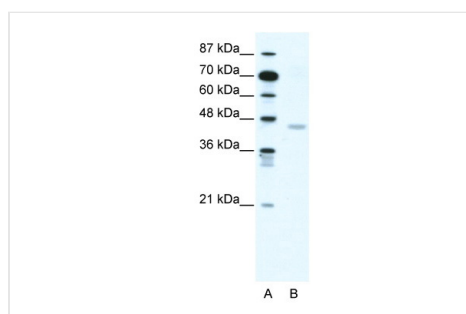
PRODUCT SYNONYMS

CNP; Polyclonal Antibody; CNP antibody - N-terminal region; anti-CNP antibody

PRODUCT SPECIFICATIONS

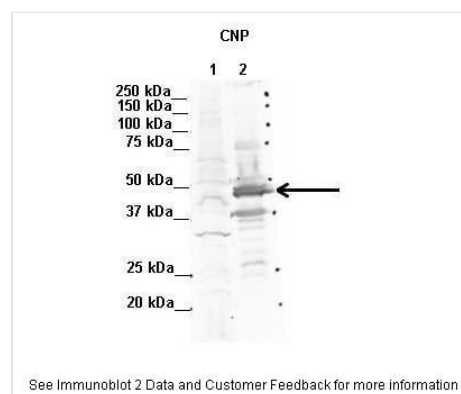
Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Pig, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: YK ITPGARGAFS EEYKRLDEDL AAYCRRRDIR ILVLDDTNHERERLEQLF
Sequence Length	401
Applicable Applications for anti-CNP antibody	WB (Western Blot), IP (Immunoprecipitation)
Homology	Cow: 85%; Dog: 92%; Horse: 100%; Human: 100%; Pig: 92%; Rat: 77%; Sheep: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CNP
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



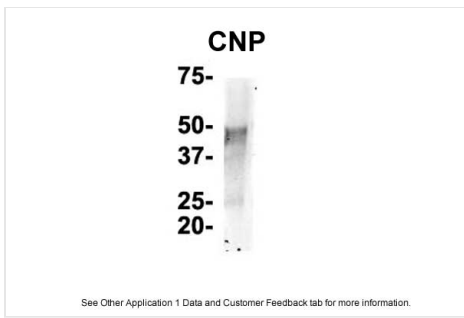
WB (Western Blot)

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



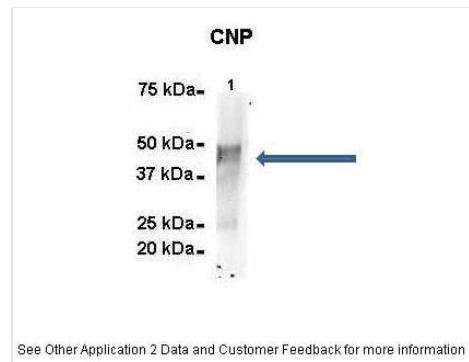
WB (Western Blot)

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



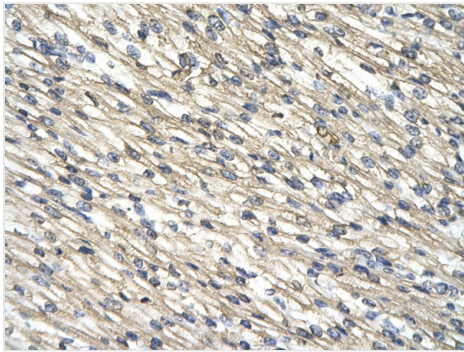
IP (Immunoprecipitation)

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



IP (Immunoprecipitation)

Sample Type: Mouse brain Amount and Sample Type :500 ug mouse brain homogenate Amount of IP Antibody :6 ug Primary Antibody :CNPP Primary Antibody Dilution :1:500 Secondary Antibody :Goat anti-rabbit Alexa-Fluor 594 Secondary Antibody Dilution :1:5000 Gene Name :CNPSubmitted by :Dr. Yuzhi Chen, University of Arkansas for Medical Science



IHC (Immunohistochemistry)

Rabbit Anti-CNP antibody Paraffin Embedded Tissue: Human Heart cell Cellular Data: cardiac cell of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-CNP antibody	This is a rabbit polyclonal antibody against CNP. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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 uncompacted myelin (myelin-like fraction), which are in contact with glial cytoplasm
Product Categories/Family for anti-CNP antibody	Polyclonal; Drugs and Drug Metabolism ; Chromatin & Nuclear Signaling ; Membrane & Traffic

NCBI AND UNIPROT INFORMATION

NCBI GI #	94721261
NCBI GeneID	1267
NCBI Accession #	NP_149124
NCBI GenBank Nucleotide #	NM_033133
UniProt Accession #	P09543
Molecular Weight	45kDa
NCBI Official Full Name	2',3'-cyclic-nucleotide 3'-phosphodiesterase isoform 1
NCBI Official Synonym Full Names	2',3'-cyclic nucleotide 3' phosphodiesterase

NCBI Official Symbol	CNP
NCBI Official Synonym Symbols	CNP1
NCBI Protein Information	2',3'-cyclic-nucleotide 3'-phosphodiesterase
UniProt Protein Name	2',3'-cyclic-nucleotide 3'-phosphodiesterase
UniProt Gene Name	CNP
UniProt Synonym Gene Names	CNP; CNPase
UniProt Entry Name	CN37_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cnp-antibody-western-blot-immunoprecipitation-elisa/197683>