

Rabbit CNP Polyclonal Antibody | anti-CNP antibody

CNP antibody - middle region

CATALOG # AAA197682	HOST Rabbit	REACTIVITY Dog, Horse, Human, Mouse, Pig, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

CNP; Polyclonal Antibody; CNP antibody - middle region; anti-CNP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity 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: LY SLGNRWMLT LAKNMEVRAI FTGYGKGKP VPTQGSRKGG ALQSCTII
Sequence Length	421
Applicable Applications for anti-CNP antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Dog: 93%; Horse: 93%; Human: 100%; Mouse: 86%; Pig: 79%; Rabbit: 93%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle 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)

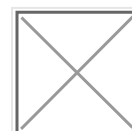
WB Suggested Anti-CNP Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Fetal Muscle


WB (Western Blot)

Host: Rabbit
Target Name: CNP
Sample Type: Human Fetal Heart
Antibody Dilution: 1.0ug/ml


IHC (Immunohistochemistry)

human optic nerve and spinal cord



IHC (Immunohistochemistry)

Sample Type: Human brain
Brain, cortex

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: CNP belongs to the cyclic nucleotide phosphodiesterase family. It interacts with tubulin and promotes microtubule assembly for process outgrowth in oligodendrocytes. reduced CNP expression in the schizophrenic brain is relevant to disease etiology and therefore provide support for the general hypothesis that altered oligodendrocyte function is an etiological factor in schizophrenia.
Product Categories/Family for anti-CNP antibody	Polyclonal; Drugs and Drug Metabolism; Chromatin & Nuclear Signaling; Disease Related; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	94721261
NCBI GeneID	1267
NCBI Accession #	NP_149124
NCBI GenBank Nucleotide #	NM_033133
UniProt Accession #	P09543
Molecular Weight	47kDa
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://stage.aaabiotech.com/polyclonal/cnp-antibody-western-blot-immunohistochemistry-elisa/197682>