

Rabbit CNP (2,3-cyclic nucleotide-3-phosphodiesterase) Polyclonal Antibody | anti-CNP antibody

Anti-CNP (2,3-cyclic nucleotide-3-phosphodiesterase)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA72782	Rabbit	Mouse, human, rabbit, rat and sheep	Immunohistochemistry, Western Blot

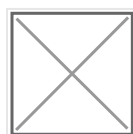
PRODUCT SYNONYMS

CNP (2; 3-cyclic nucleotide-3-phosphodiesterase); Polyclonal Antibody; Anti-CNP (2; anti-CNP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, human, rabbit, rat and sheep
Clonality	Polyclonal
Specificity	Specific for the ~ 46k CNP protein in Western blots
Purity/Purification	Neat serum
Form/Format	50 ul neat serum
Sequence Length	420
Applicable Applications for anti-CNP antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antigen	Endogenous rabbit 2,3-cyclic nucleotide-3-phospho-diesterase
Immunogen Information	Endogenous rabbit 2,3 cyclic nucleotide-3-phospho-diesterase
Immunogen Species	Rabbit
Species Reactivity Note	The antibody has been directly tested for reactivity in Western blots with mouse, human, rabbit, rat and sheep tissues.
Biological Significance	2,3-cyclic nucleotide-3-phosphodiesterase (CNP) is a membrane bound, microtubule associated protein that is among the most abundant myelin proteins of the CNS. It is thought that CNP may serve as a regulator of tubulin polymerization and of microtubule distribution (Bifulco et al., 2002). It was recently found that CNP may also function as a possible linker protein anchoring microtubules to the plasma membrane via a 13 residue C-terminal CNP fragment (Bifulco et al., 2002, Esposito et al., 2008).
Preparation and Storage	For long term storage -20 degree C is recommended. Stable at -20 degree C for at least 1 year.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-CNP antibody	Rabbit polyclonal antibody
References	• Bifulco et al. 2,3-Cyclic nucleotide 3-phosphodiesterase: a membrane bound, microtubule-associated protein and membrane anchor tubulin. PNAS 99:1807-12, 2002 • Esposito C, Scrima M, Carotenuto A, Tedeschi A, Rovero P, D'Ebifulco M, D'Errico G, Malfitano AM, D'Ursi AM (2008) Structures and micelle locations of the nonlipidated and lipidated C-terminal anchor of 2,3-Cyclic nucleotide 3-phosphodiesterase. Biochemistry 47(1): 308-319.

NCBI AND UNIPROT INFORMATION

NCBI GI #	57977323
NCBI GeneID	25275
NCBI Accession #	NP_036941.1
NCBI GenBank Nucleotide #	NM_012809.2
UniProt Accession #	P13233; Q4V796; Q64575
Molecular Weight	46
NCBI Official Full Name	2',3'-cyclic-nucleotide 3'-phosphodiesterase
NCBI Official Synonym Full Names	2',3'-cyclic nucleotide 3' phosphodiesterase
NCBI Official Symbol	Cnp
NCBI Official Synonym Symbols	CNPF; CNPI; Cnp1; CNPII
NCBI Protein Information	2',3'-cyclic-nucleotide 3'-phosphodiesterase; CNPase
UniProt Protein Name	2',3'-cyclic-nucleotide 3'-phosphodiesterase
UniProt Gene Name	Cnp
UniProt Synonym Gene Names	Cnp1; CNP; CNPase
UniProt Entry Name	CN37_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cnp-2-3-cyclic-nucleotide-3-phosphodiesterase-antibody-immunohistochemistry-western-blot-elisa/72782>