

Rabbit 2',3'-Cyclic Nucleotide 3'-Phosphodiesterase Polyclonal Antibody | anti-CNP antibody

2',3'-Cyclic Nucleotide 3'-Phosphodiesterase (CNP) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144758	Rabbit	Human, Mouse, Rat, Pig	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

2'; 3'-Cyclic Nucleotide 3'-Phosphodiesterase; Polyclonal Antibody; 3'-Cyclic Nucleotide 3'-Phosphodiesterase (CNP) Polyclonal Antibody; 2; 3CNP; 3-CNP; CNPCNP1; Cyclic-CMP Phosphodiesterase; 3'-Cyclic AMP Phosphodiesterase; CNPase; 2':3'-CNMP-3'-ase; anti-CNP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CNP. It has been selected for its ability to recognize CNP in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	420
Applicable Applications for anti-CNP antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human
Organism Species	Human
Fragment	CNP (Leu186~Ile421)
Quality Control	Content: The quality control contains recombinant CNP (Leu186~Ile421) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemiluminescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
DAB staining on fromalin fixed paraffin- embedded brain tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1057503192
NCBI GeneID	1267
NCBI Accession #	NP_001317145.1
NCBI GenBank Nucleotide #	NM_001330216.1
UniProt Accession #	P09543
Molecular Weight	45,099 Da
NCBI Official Full Name	2',3'-cyclic-nucleotide 3'-phosphodiesterase isoform 2
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

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.