

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

Our Anti-CNP (2,3-cyclic nucleotide-3-phosphodiesterase) Antibody primary antibody from PhosphoSolut
Catalog # AN1343

Product Information

Application	WB, IHC
Primary Accession	P09543
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Calculated MW	47579

Additional Information

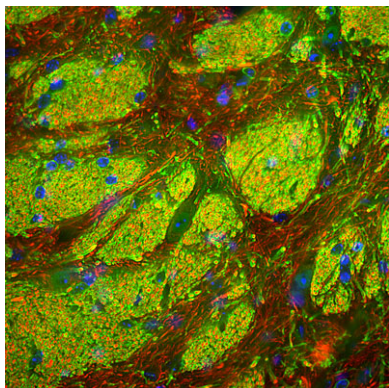
Gene ID	1267
Other Names	2" antibody, 2'3' cyclic nucleotide 3' phosphodiesterase antibody, 3"-cyclic-nucleotide 3"-phosphodiesterase antibody, CN37_HUMAN antibody, CNP 1 antibody, CNP antibody, CNP1 antibody, CNPase antibody
Target/Specificity	2,3-cyclic nucleotide-3-phosphodiesterase (CNP) is a membrane 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).
Dilution	WB~~1:1000 IHC~~1:100~500
Format	Affinity Purified
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Anti-CNP (2,3-cyclic nucleotide-3-phosphodiesterase) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
Shipping	Blue Ice

Background

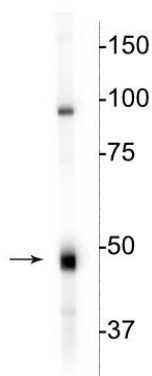
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Images



Immunostaining of mouse striatum showing specific labeling of CNP in myelinating oligodendrocytes (Cat.



Western blot of rat hippocampal lysate showing the specific immunolabeling of the ~46 kDa CNP protein.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.