

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

Specification**Anti-CNP (2,3-cyclic nucleotide-3-phosphodiesterase) Antibody - Product Information**

Application	WB
Primary Accession	P09543
Reactivity	Bovine, Chicken
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Calculated MW	47579

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

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

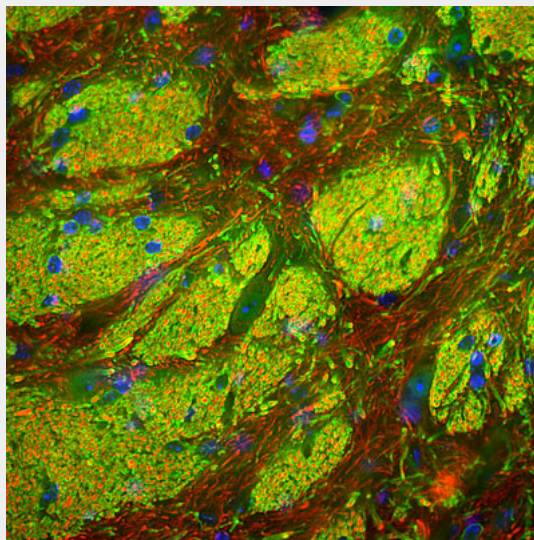
Blue Ice

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

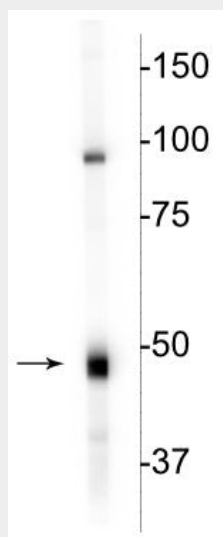
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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

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

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).