

**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	<a href="#">P09543</a>
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**

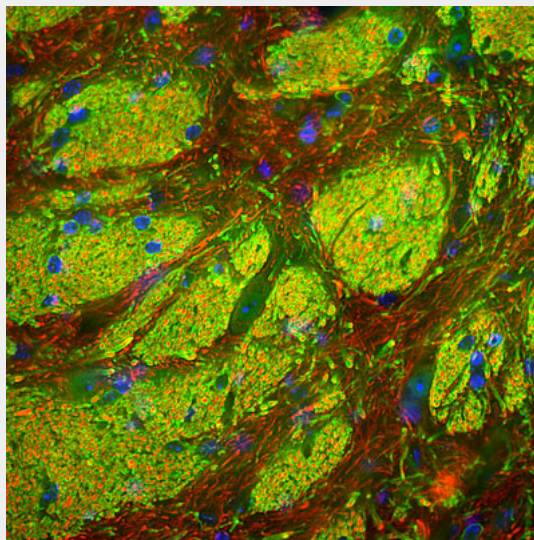
Blue Ice

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

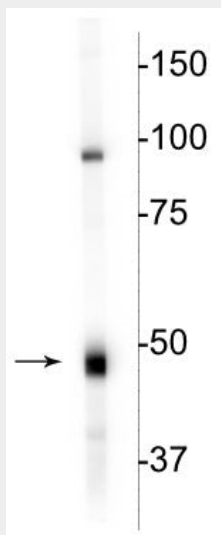
Provided below are standard protocols that you may find useful for product applications.

- [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

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