

# 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	<u>P09543</u>
Reactivity	Bovine, Chicken
Host	Goat
Clonality	Polyclonal
Isotype	lgG
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).

Dilution WB~~1:1000

**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.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

# 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  $\sim$ 46 kDa CNP protein.

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



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