

CNP Antibody (C-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21585b**Specification**

CNP Antibody (C-Term) - Product Information

| | |
|-------------------|------------------------|
| Application | WB,E |
| Primary Accession | P09543 |
| Reactivity | Human, Mouse, Rat |
| Host | Rabbit |
| Clonality | polyclonal |
| Isotype | Rabbit IgG |
| Calculated MW | 47579 |

CNP Antibody (C-Term) - Additional Information**Gene ID** 1267**Other Names**

2', 3'-cyclic-nucleotide 3'-phosphodiesterase, CNP, CNPase, CNP

Target/Specificity

This CNP antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 122-156 amino acids from human CNP.

Dilution

WB~~1:2000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CNP Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

CNP Antibody (C-Term) - Protein Information**Name** CNP ([HGNC:2158](#))

Function Catalyzes the formation of 2'-nucleotide products from 2',3'- cyclic substrates (By similarity). May participate in RNA metabolism in the myelinating cell, CNP is the third most abundant protein in central nervous system myelin (By similarity).

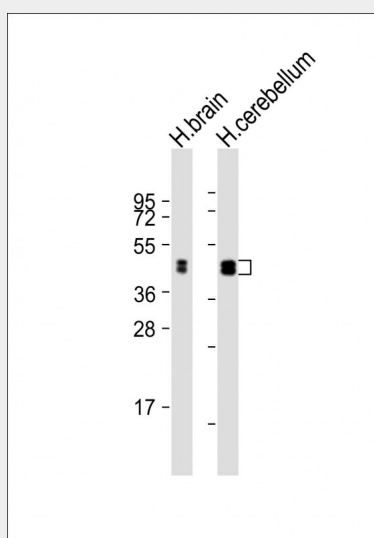
Cellular Location

Membrane {ECO:0000250|UniProtKB:P16330}; Lipid- anchor {ECO:0000250|UniProtKB:P16330}. Melanosome. Note=Firmly bound to membrane structures of brain white matter. {ECO:0000250|UniProtKB:P16330}

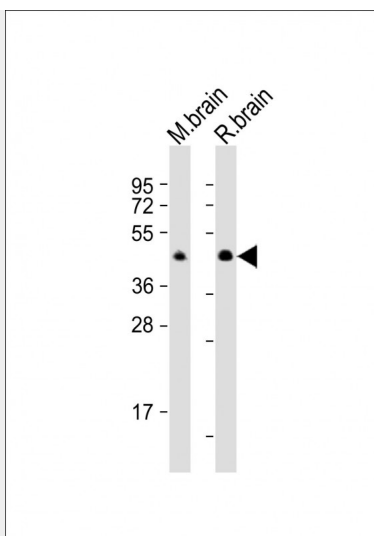
CNP Antibody (C-Term) - Protocols

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](#)

CNP Antibody (C-Term) - Images

All lanes : Anti-CNP Antibody (C-Term) at 1:2000 dilution Lane 1: human brain lysates Lane 2: human cerebellum lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 48 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes : Anti-CNP Antibody (C-Term) at 1:2000 dilution Lane 1: mouse brain lysates Lane 2: rat brain lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 48 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

CNP Antibody (C-Term) - Background

May participate in RNA metabolism in the myelinating cell, CNP is the third most abundant protein in central nervous system myelin.

CNP Antibody (C-Term) - References

Thompson R.J.,et al.Biochem. Soc. Trans. 20:621-626(1992).
Kurihara T.,et al.Biochem. Biophys. Res. Commun. 152:837-842(1988).
Monoh K.,et al.Gene 129:297-301(1993).
Douglas A.J.,et al.Ann. Hum. Genet. 56:243-254(1992).
Zody M.C.,et al.Nature 440:1045-1049(2006).