

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

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

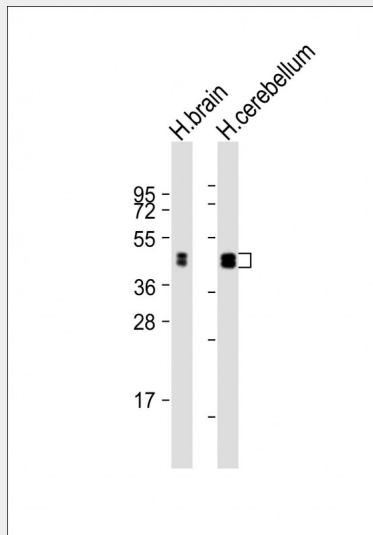
Membrane {ECO:0000250|UniProtKB:P16330}; Lipid- anchor {ECO:0000250|UniProtKB:P16330}. Melanosome. Note=Firmly bound to membrane structures of brain white matter. {ECO:0000250|UniProtKB:P16330}

CNP Antibody (C-Term) - Protocols

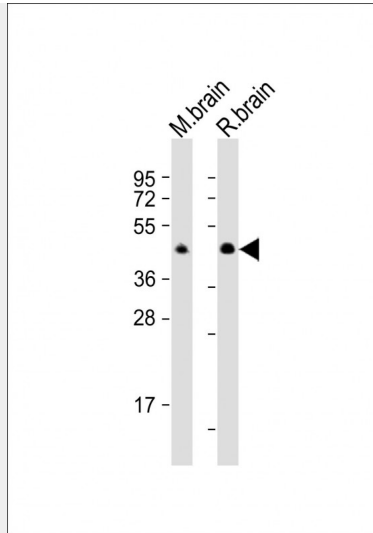
Provided below are standard protocols that you may find useful for product applications.

- [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 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 48 kDa Blocking/Dilution buffer: 5% NFD/MTBST.

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).