

CNP / CNPase Antibody
Rabbit Polyclonal Antibody
Catalog # ALS17238**Specification**

CNP / CNPase Antibody - Product Information

Application	WB, IHC-P
Primary Accession	P09543
Other Accession	1267
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	47579
Dilution	WB~~1:1000 IHC-P~~N/A

CNP / CNPase Antibody - Additional Information**Gene ID** 1267**Other Names**

CNP, CNP1, CNPase, Phosphodiesterase CNP

Target/Specificity

Human CNP / CNPase

Reconstitution & Storage

PBS, pH 7.3, 0.02% sodium azide, 50% glycerol. Long term: -80°C; Short term: -20°C. Avoid freeze-thaw cycles.

Precautions

CNP / CNPase Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

CNP / CNPase Antibody - 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}

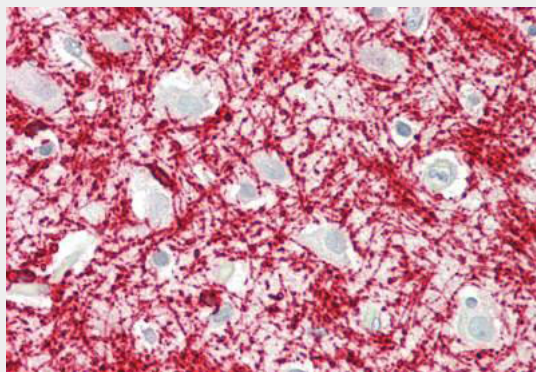
Volume
50 μ l

CNP / CNPase Antibody - Protocols

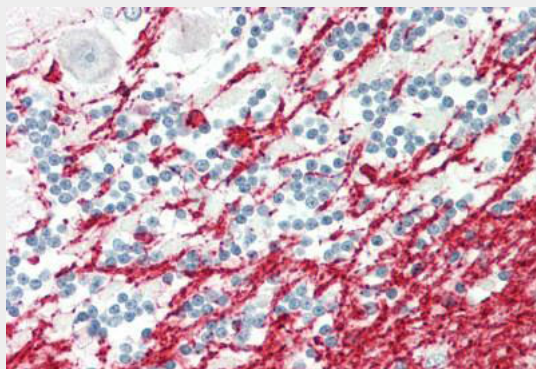
Provided below are standard protocols that you may find useful for product applications.

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

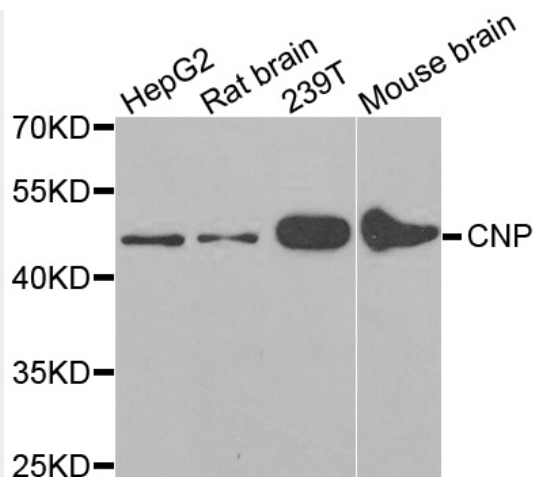
CNP / CNPase Antibody - Images



Human Brain, Cortex: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Brain, Cerebellum: Formalin-Fixed, Paraffin-Embedded (FFPE)



Western blot analysis of extracts of various cell lines, using CNP antibody.

CNP / CNPase Antibody - Background

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

CNP / CNPase Antibody - 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).