

Anti-CNPase Antibody
Rabbit polyclonal antibody to CNPase
Catalog # AP59520**Specification**

Anti-CNPase Antibody - Product Information

Application	WB, IP
Primary Accession	P09543
Other Accession	P16330
Reactivity	Human, Mouse, Rat, Monkey, SARS
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47579

Anti-CNPase Antibody - Additional Information**Gene ID** 1267**Other Names**

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

Target/Specificity

Recognizes endogenous levels of CNPase protein.

Dilution

WB~~WB (1/500 - 1/1000), IP (1/10 - 1/100)

IP~~N/A

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-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

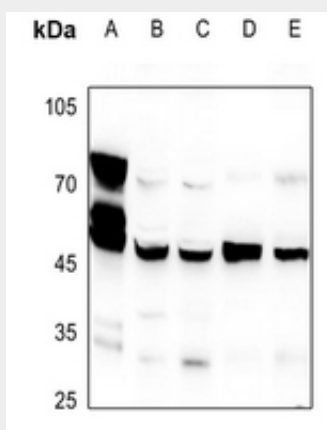
Membrane {ECO:0000250|UniProtKB:P16330}; Lipid- anchor {ECO:0000250|UniProtKB:P16330}. Melanosome. Note=Firmly bound to membrane structures of brain white matter. {ECO:0000250|UniProtKB:P16330}

Anti-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](#)

Anti-CNPase Antibody - Images



Western blot analysis of CNPase expression in mouse brain (A), PC12 (B), CT12 (C), SGC7901 (D), K562 (E) whole cell lysates.

Anti-CNPase Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CNPase. The exact sequence is proprietary.