

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

**Specification**

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**Anti-CNPase Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P09543</a>
Other Accession	<a href="#">P16330</a>
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)

**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**

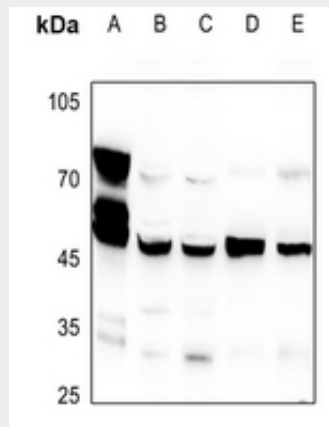
Membrane {ECO:0000250|UniProtKB:P16330}; Lipid- anchor {ECO:0000250|UniProtKB:P16330}. Melanosome. Note=Firmly bound to membrane structures of brain white matter. {ECO:0000250|UniProtKB:P16330}

## 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.