

# CNPase Rabbit pAb

Catalog No.: A1018

4 Publications

## Basic Information

### Observed MW

48kDa/

### Calculated MW

48kDa

### Category

Primary antibody

### Applications

WB,IF/ICC,ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

Predicted to enable 2',3'-cyclic-nucleotide 3'-phosphodiesterase activity. Involved in substantia nigra development. Located in several cellular components, including extracellular space; microtubule; and plasma membrane. Implicated in hypomyelinating leukodystrophy 20; multiple sclerosis; and schizophrenia. Biomarker of alcoholic liver cirrhosis; multiple sclerosis; and restless legs syndrome.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

1267

### Swiss Prot

P09543

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

CNP1; HLD20; CNPase

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

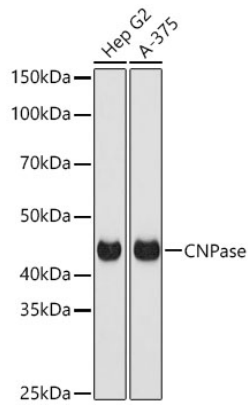
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

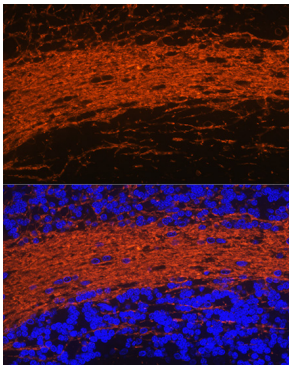
Buffer: PBS with 0.02% Sodium azide, 50% glycerol, pH7.3.

## Validation Data

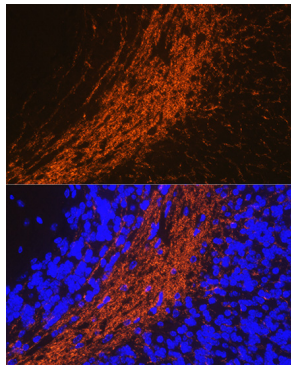
---



Western blot analysis of various lysates using CNPase Rabbit pAb (A1018) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates / proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Immunofluorescence analysis of paraffin-embedded rat brain using CNPasease Rabbit pAb (A1018) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded mouse brain using CNPasease Rabbit pAb (A1018) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.