

## CNPase Polyclonal Antibody

Catalog number: 13427-1-AP

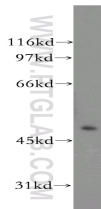
Size: 50 µg/150 µl

Source: Rabbit

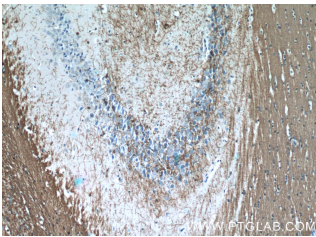
Isotype: IgG

Synonyms:

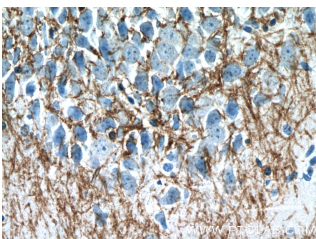
CNP; CNP, CNP1, CNPase



HepG2 cells were subjected to SDS PAGE followed by western blot with 13427-1-AP (CNP antibody) at dilution of 1:500



Immunohistochemistry of paraffin-embedded mouse brain tissue slide using 13427-1-AP (CNP Antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemistry of paraffin-embedded mouse brain tissue slide using 13427-1-AP (CNP Antibody) at dilution of 1:50 (under 40x lens)

### Background

CNP(2',3'-cyclic-nucleotide 3'-phosphodiesterase) belongs to the cyclic nucleotide phosphodiesterase family. It plays an essential role in axonal survival but not in myelin assembly, coupling oligodendroglial functions in axonal support and myelination. This protein has 2 isoforms produced by alternative splicing.

### Applications

<b>Tested applications:</b>	ELISA, WB, IHC
<b>Cited applications:</b>	IF, WB
<b>Species specificity:</b>	Human, Mouse, Rat; other species not tested.
<b>Cited species:</b>	Human
<b>Calculated CNPase MW:</b>	421aa, 48 kDa
<b>Observed CNPase MW:</b>	48 kDa
<b>Positive WB detected in</b>	HepG2 cells
<b>Positive IHC detected in</b>	Mouse brain tissue
<b>Recommended dilution:</b>	WB: 1:500-1:5000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

<b>Immunogen:</b>	Ag4227
<b>GenBank accession number:</b>	BC028040
<b>Gene ID (NCBI):</b>	1267
<b>Full name:</b>	2',3'-cyclic nucleotide 3' phosphodiesterase

### Product information

<b>Purification method:</b>	Antigen affinity purification
<b>Storage:</b>	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.