

Product datasheet for **AP31803PU-N**

CNPase (CNP) Chicken Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	Western Blot Immunocytochemistry. Immunohistochemistry. <i>Recommended Dilutions:</i> 1/1000-1/2000 for Immunohistochemistry and immunocytochemistry using 2% paraformaldehyde-fixed tissues or cells. 1/2000-1/5000 for Western blots. Quality Control: Quality assurance analysis was performed using Immunohistochemistry (at a dilution of 1/2000) using Fluorescein-labeled Goat anti-Chicken IgY (1/500 dilution, Cat.-No AP31795FC-N) as the secondary reagent.
Reactivity:	Human, Mouse
Host:	Chicken
Isotype:	IgY
Clonality:	Polyclonal
Immunogen:	Synthetic peptide KLH conjugated corresponded to a region of the CNPase gene product shared between the Human (NP_149124) and Mouse (P16330) sequences. After repeated injections, immune eggs were collected, the IgY fractions were purified from the yolks.
Specificity:	Recognizes 2',3'-Cyclic Nucleotide 3'-Phosphodiesterase (CNPase).
Formulation:	10mM PBS, pH 7.2 containing 0.02% Sodium Azide as preservative. State: Aff - Purified State: Liquid purified (filter sterilized) IgY fraction.
Concentration:	lot specific
Purification:	Affinity Chromatography using a peptide column.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted in the dark at 2-8°C.
Stability:	Shelf life: one year from despatch.



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Gene Name: 2',3'-cyclic nucleotide 3' phosphodiesterase

Database Link: [Entrez Gene 12799 Mouse](#)[Entrez Gene 1267 Human](#)
[P09543](#)

Background: Murine CNPase (EC 3.1.4.37) is a 47,122 dalton protein (420 amino acids) found in myelin. This protein is expressed by oligodendrocytes of the CNS and by Schwann cells of the PNS.

Synonyms: CNP, CNP1, Oligodendrocyte Marker

Product images:



A tissue section through an adult Mouse brain showing CNPase (brown staining) in white matter tracts and the granule cell layer of the cerebellum.