

ARG11136 anti-CNPase antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CNPase
Tested Reactivity	Hu, Ms, Rat, Cow
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CNPase
Species	Human
Immunogen	Full-length Human CNPase.
Conjugation	Un-conjugated
Alternate Names	CNPase; 2',3'-cyclic-nucleotide 3'-phosphodiesterase; CNP1; CNP; EC 3.1.4.37

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:1000 - 1:2000
	WB	1:1000 - 1:5000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 48 kDa	

Properties

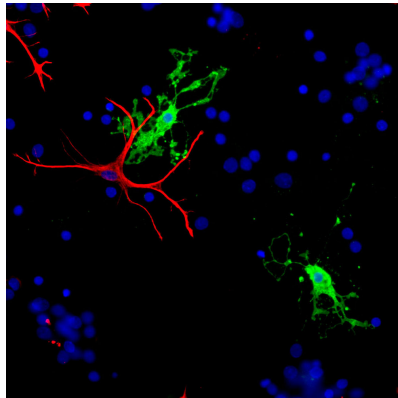
Form	Liquid
Buffer	Serum and 5 mM Sodium azide.
Preservative	5 mM Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CNP
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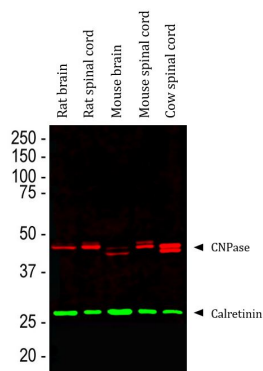
Gene Full Name	2',3'-cyclic nucleotide 3' phosphodiesterase
Function	May participate in RNA metabolism in the myelinating cell, CNP is the third most abundant protein in central nervous system myelin. [UniProt]
Calculated Mw	48 kDa
Cellular Localization	Membrane; Lipid-anchor. Melanosome. Note=Firmly bound to membrane structures of brain white matter. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. [UniProt]

Images



ARG11136 anti-CNPase antibody ICC/IF image

Immunofluorescence: Cortical neuron-glia cell culture from E20 rat stained with ARG11136 anti-CNPase antibody (green) at 1:1000 dilution, and co-stained with [ARG11126](#) anti-GFAP antibody [5C10] (red) at 1:1000 dilution. DAPI (blue) for nuclear staining.



ARG11136 anti-CNPase antibody WB image

Western blot: Rat brain, Rat spinal cord, Mouse brain, Mouse spinal cord and Cow spinal cord lysates stained with ARG11136 anti-CNPase antibody (red) at 1:5000 dilution. The blot was simultaneously stained with [ARG10703](#) anti-Calretinin antibody [6A9] (green) at 1:2000 dilution.