

ARG41475
anti-CNPase antibodyPackage: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CNPase
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CNPase
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 152-421 of Human CNPase (NP_149124.3).
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	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse brain	
Observed Size	~ 48 kDa	

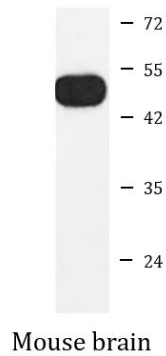
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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
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



ARG41475 anti-CNPase antibody WB image

Western blot: 25 µg of Mouse brain lysate stained with ARG41475 anti-CNPase antibody at 1:1000 dilution.