

ARG11063 anti-CNPase antibody [1H10]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [1H10] recognizes CNPase
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-Fr, WB
Host	Mouse
Clonality	Monoclonal
Clone	1H10
Isotype	IgG1
Target Name	CNPase
Species	Human
Immunogen	Full length Human recombinant CNPase protein expressed in and purified from E. coli.
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
	IHC-Fr	1:1000 - 1:5000
	WB	1:5000 - 1:20000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	46, 48 kDa	

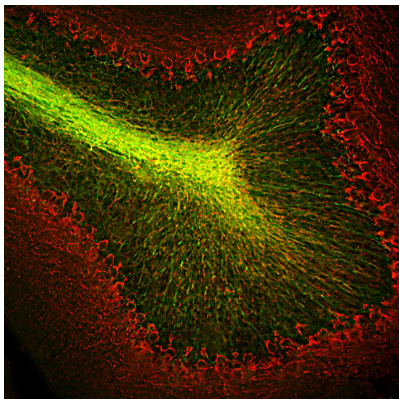
Properties

Form	Liquid
Purification	Purified
Buffer	PBS, 5mM Sodium azide and 50% Glycerol.
Preservative	5mM Sodium azide
Stabilizer	50% Glycerol
Concentration	1 mg/ml
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.

Bioinformation

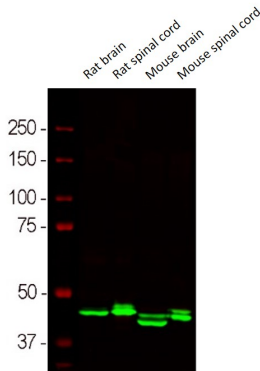
Gene Symbol	CNP
Gene Full Name	2',3'-cyclic nucleotide 3' phosphodiesterase
Function	May participate in RNA metabolism in the myelinating cell, CNP is the third most abundant protein in central nervous system myelin. [UniProt]
Calculated Mw	48 kDa

Images



ARG11063 anti-CNPase antibody [1H10] IHC-Fr image

Immunohistochemistry: Rat cerebellum section stained with ARG11063 anti-CNPase antibody [1H10] (green) at 1:500 dilution and costained with chicken pAb to NF-M (red) at 1:1000 dilution. The blue is DAPI staining of nuclear DNA. Following transcordial perfusion of Rat with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45 μ M, and free-floating sections were stained with above antibodies.



ARG11063 anti-CNPase antibody [1H10] WB image

Western blot: Rat brain, Rat spinal cord, Mouse brain and Mouse spinal cord lysates stained with ARG11063 anti-CNPase antibody [1H10] at 1:2000 dilution.

A doublet of bands at 46 and 48 kDa correspond to the major isotypes of the CNP protein.