

ARG52249 anti-CNPase antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CNPase
Tested Reactivity	Hu, Ms, Rat, Rb, Sheep
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CNPase
Species	Rabbit
Immunogen	Endogenous rabbit 2,3 cyclic nucleotide-3-phosphodiesterase
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	Specific for the ~ 46k CNP protein in Western blots * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Neat serum
Buffer	Neat serum
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.

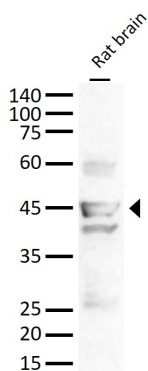
Bioinformation

Background	2,3-cyclic nucleotide-3-phosphodiesterase (CNP) is a membrane bound, microtubule associated protein that is among the most abundant myelin proteins of the CNS. It is thought that CNP may serve as a
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Research Area
Calculated Mw

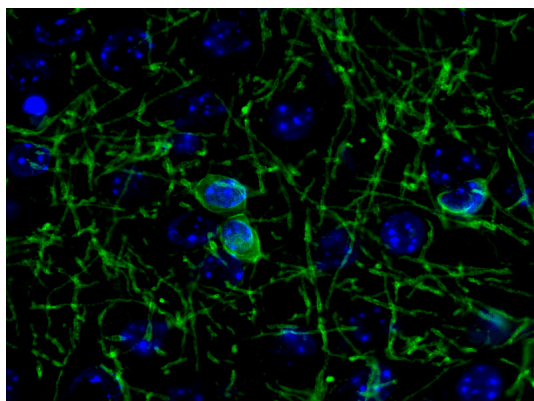
regulator of tubulin polymerization and of microtubule distribution (Bifulco et al., 2002). It was recently found that CNP may also function as a possible linker protein anchoring microtubules to the plasma membrane via a 13 residue C-terminal CNP fragment (Bifulco et al., 2002, Esposito et al., 2008).
Controls and Markers antibody; Neuroscience antibody
48 kDa

Images



ARG52249 anti-CNPase antibody WB image

Western blot: 30 µg of Rat brain lysate stained with ARG52249 anti-CNPase antibody at 1:1000 dilution.



ARG52249 anti-CNPase antibody IHC-Fr validated image

Immunohistochemistry: Cryosections section of mouse cortex stained with ARG52249 anti-CNPase antibody (green), and DAPI (blue) used for nuclear staining.