

CNPase Rabbit mAb

Catalog # AP77620

Product Information

Application	WB
Primary Accession	P09543
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human CNPase
Purification	Affinity Chromatography
Calculated MW	47579

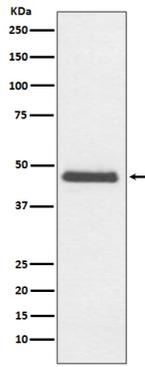
Additional Information

Gene ID	1267
Other Names	CNP
Dilution	WB~~1/500-1/1000
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	CNP (HGNC:2158)
Function	Myelin-associated enzyme that catalyzes the phosphodiester hydrolysis of 2',3'-cyclic nucleotides to 2'-nucleotides. In the mitochondria, regulates the functioning of the mitochondrial permeability transition pore (mPTP), and thus is involved in the mechanisms of cell death, both apoptosis and necrosis. Acts as an antiviral factor by suppressing the assembly of SARS-CoV-2 virions (PubMed: 38117830).
Cellular Location	Melanosome. Mitochondrion. Note=Firmly bound to membrane structures of brain white matter {ECO:0000250 UniProtKB:P16330}

Images



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