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PRODUCT DATASHEET

Anti-CNPase Antibody

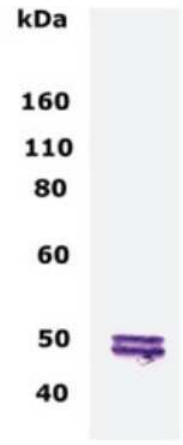
phosphosolutions ANTIBODIES THAT WORK

Product Details

Available Variants	100 µL (SKU:37125)
Isotype	IgG
Gene Name	CNP
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 0.02% NaN3
Applications	ELISA, WB
Dilution Ranges	WB: 1:500-1:1000 WB Brain: 1:500-1:1000
Species Reactivity	Human
Immunogen	Synthetic peptide corresponding to amino acids from the N-terminal region of human CNP protein.
Specificity	Reacts with the 46-48 (doublet) kDa human, CNPase protein (74% sequence identity to mouse and rat).
Quality Control	Western blots performed on each lot.
Storage	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 uL/vial depending on usage) upon arrival and stored long term at -20° C or -80° C, while keeping a working aliquot stored at 4° C for short term. Avoid freeze/thaw cycles. Stable for at least 1 year.
UniProt ID	P09543 UniProt Summary: 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.
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
NCBI Gene ID	1267

Product Images



Western Blot of 10 ug of normal human brain lysate showing specific immunolabeling of CNPase.