

For Research Use Only

CNPase Recombinant monoclonal antibody

Catalog Number: 86967-4-RR



Basic Information

Catalog Number:	86967-4-RR	GenBank Accession Number:	BC028040	Purification Method:	Protein A purification
Source:	Rabbit	GeneID (NCBI):	1267	CloneNo.:	252105D1
Isotype:	IgG	UNIPROT ID:	P09543	Recommended Dilutions:	WB: 1:2000-1:10000
Immunogen Catalog Number:	AG4227	Full Name:	2',3'-cyclic nucleotide 3' phosphodiesterase	IHC: 1:1000-1:4000	IF-P: 1:200-1:800
		Calculated MW:	421 aa, 48 kDa		
		Observed MW:	45-48 kDa		

Applications

Tested Applications:

WB, IHC, IF-P, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with *TE buffer pH 9.0*; (*) Alternatively, antigen retrieval may be performed with *citrate buffer pH 6.0*

Positive Controls:

WB : HepG2 cells, mouse brain tissue, A375 cells, A431 cells, rat brain tissue

IHC : mouse brain tissue,

IF-P : mouse brain tissue,

Background Information

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

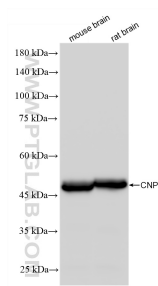
T: 4006900926

E: Proteintech-CN@ptglab.com

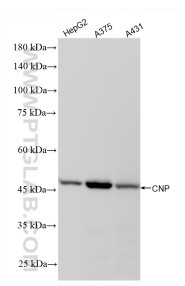
W: ptgcn.com

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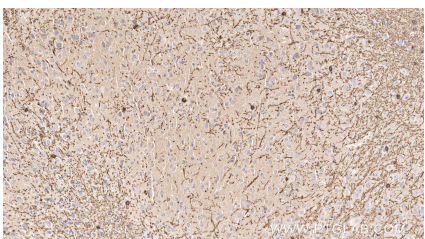
Selected Validation Data



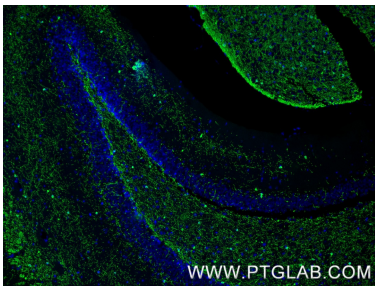
Various lysates were subjected to SDS PAGE followed by western blot with 86967-4-RR (CNP antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



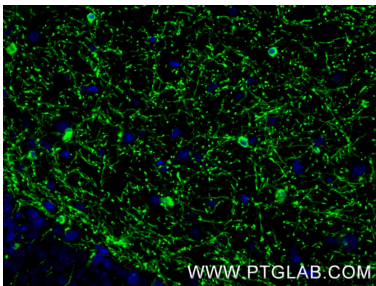
Various lysates were subjected to SDS PAGE followed by western blot with 86967-4-RR (CNP antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 86967-4-RR (CNP antibody) at dilution of 1:2000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using CNPase antibody (86967-4-RR, Clone: 252105D1) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using CNPase antibody (86967-4-RR, Clone: 252105D1) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).