

CNP Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21577a

Product Information

Application	WB, E
Primary Accession	P09543
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB53048
Calculated MW	47579

Additional Information

Gene ID	1267
Other Names	2', 3'-cyclic-nucleotide 3'-phosphodiesterase, CNP, CNPase, CNP
Target/Specificity	This CNP antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 92-126 amino acids from human CNP.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CNP Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CNP (HGNC:2158)
Function	Catalyzes the formation of 2'-nucleotide products from 2',3'- cyclic substrates (By similarity). May participate in RNA metabolism in the myelinating cell, CNP is the third most abundant protein in central nervous system myelin (By similarity).
Cellular Location	Membrane {ECO:0000250 UniProtKB:P16330}; Lipid- anchor {ECO:0000250 UniProtKB:P16330}. Melanosome. Note=Firmly bound to

membrane structures of brain white matter.
{ECO:0000250|UniProtKB:P16330}

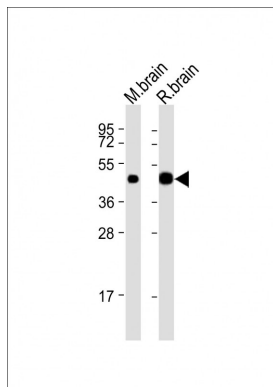
Background

May participate in RNA metabolism in the myelinating cell, CNP is the third most abundant protein in central nervous system myelin.

References

Thompson R.J.,et al.Biochem. Soc. Trans. 20:621-626(1992).
Kurihara T.,et al.Biochem. Biophys. Res. Commun. 152:837-842(1988).
Monoh K.,et al.Gene 129:297-301(1993).
Douglas A.J.,et al.Ann. Hum. Genet. 56:243-254(1992).
Zody M.C.,et al.Nature 440:1045-1049(2006).

Images



All lanes : Anti-CNP Antibody (N-Term) at 1:2000 dilution
Lane 1: mouse brain lysates Lane 2: rat brain lysates
Lysates/proteins at 20 µg per lane. Secondary Goat
Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000
dilution. Predicted band size : 48 kDa Blocking/Dilution
buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.