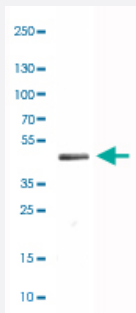


CNP monoclonal antibody, clone CL2871

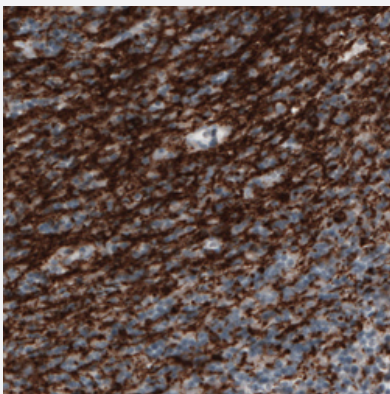
Catalog # MAB15777 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western Blot analysis of human cerebral cortex tissue lysate with CNP monoclonal antibody, clone CL2871 (Cat # MAB15777).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cerebellum with CNP monoclonal antibody, clone CL2871 (Cat # MAB15777) shows strong immunoreactivity in myelinated neural processes.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human CNP.
Immunogen	Recombinant protein corresponding to human CNP.
Epitope	This antibody binds to an epitope located within the peptide sequence PGVLHCTTKFCDYGK as determined by overlapping synthetic peptides.
Sequence	PGVLHCTTKFCDYGKAPGAEEYAQQDVLKKSYSKAFTLTISALFVTPKTTGARVELSEQQQLQLWP SDVDKLSPTDNLPRGSRAHITL
Host	Mouse

Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Protein A purification
Isotype	IgG2a
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:2500-1:5000) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western Blot analysis of human cerebral cortex tissue lysate with CNP monoclonal antibody, clone CL2871 (Cat # MAB15777).

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Gene Info — CNP

Entrez GeneID	1267
Protein Accession#	P09543
Gene Name	CNP
Gene Alias	CNP1
Gene Description	2',3'-cyclic nucleotide 3' phosphodiesterase
Omim ID	123830
Gene Ontology	Hyperlink
Gene Summary	O

Other Designations

2', 3' cyclic nucleotide 3' phosphohydrolase

Disease

- [Alzheimer disease](#)
- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Depressive Disorder](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Schizophrenia](#)