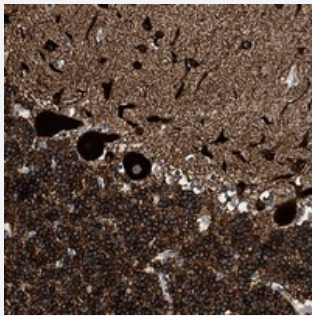


MAP1A polyclonal antibody

Catalog # PAB23390 Size 100 uL

Applications



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

Immunohistochemical staining of human cerebellum with MAP1A polyclonal antibody (Cat # PAB23390) shows strong cytoplasmic positivity in Purkinje cells, cells in molecular layer and cells in granular layer.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant MAP1A.
Immunogen	Recombinant protein corresponding to amino acids of human MAP1A.
Sequence	SSFHSTPSGNGKYLPGAITSPEHILTPDSSFSKSPESLPGPALEDIAKWEDKVPGLKDRTSEQ KKEPEPKDEVLQQKD
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (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

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Gene Info — MAP1A

Entrez GeneID[4130](#)**Protein Accession#**[P78559](#)**Gene Name**

MAP1A

Gene Alias

FLJ77111, MAP1L, MTAP1A

Gene Description

microtubule-associated protein 1A

Omim ID[600178](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a protein that belongs to the microtubule-associated protein family. The proteins of this family are thought to be involved in microtubule assembly, which is an essential step in neurogenesis. The product of this gene is a precursor polypeptide that presumably undergoes proteolytic processing to generate the final MAP1A heavy chain and LC2 light chain. Expression of this gene is almost exclusively in the brain. Studies of the rat microtubule-associated protein 1A gene suggested a role in early events of spinal cord development. [provided by RefSeq]

Other Designations

OTTHUMP00000196074|microtubule-associated protein 1-like

Disease

- [Mental Disorders](#)
- [Neuropsychological Tests](#)
- [Schizophrenia](#)