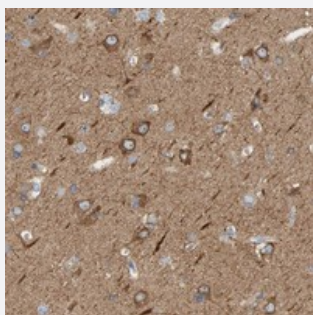


MAP1B polyclonal antibody

Catalog # PAB21488 Size 100 uL

Applications



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

Immunohistochemical staining of human cerebral cortex with MAP1B polyclonal antibody (Cat # PAB21488) shows moderate cytoplasmic positivity in neuronal cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant MAP1B.
Immunogen	Recombinant protein corresponding to amino acids of human MAP1B.
Sequence	EVVEEHCASPEDKTLEVVSPSQSVTGSAGHTPYYSPTDEKSSHLPTEVIEKPPAVPVSFESD AKDENERASVSPMDEPVPDSESPIEKVLSPRSPPLIGSESAYESFLSADDKASGRGAESPFE KSGKQGSPDQVSPVSEMTST
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

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

Immunohistochemical staining of human cerebral cortex with MAP1B polyclonal antibody (Cat # PAB21488) shows moderate cytoplasmic positivity in neuronal cells.

Gene Info — MAP1B

Entrez GeneID[4131](#)**Protein Accession#**[P46821](#)**Gene Name**

MAP1B

Gene Alias

DKFZp686E1099, DKFZp686F1345, FLJ38954, FUTSCH, MAP5

Gene Description

microtubule-associated protein 1B

Omim ID[157129](#)**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 MAP1B heavy chain and LC1 light chain. Gene knockout studies of the mouse microtubule-associated protein 1B gene suggested an important role in development and function of the nervous system. [provided by RefSeq]

Other Designations

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Disease

- [Dominance](#)
- [Schizophrenia](#)