

MAP1B rabbit pAb

Cat No.: ES9802

For research use only

Overview

Product Name MAP1B rabbit pAb

Host species Rabbit
Applications IHC;IF

Species Cross-Reactivity Human;Rat;Mouse Recommended dilutions IHC-p 1:50-300

Immunogen Synthesized peptide derived from human protein .

at AA range: 480-560

Specificity MAP1B Polyclonal Antibody detects endogenous

levels of protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Microtubule-associated protein 1B (MAP-1B)

[Cleaved into: MAP1B heavy chain; MAP1 light chain

LC1]

Gene Name MAP1B

Cellular localization Cytoplasm, cytoskeleton. Cytoplasm. Cell junction,

synapse. Cell projection, dendritic spine.

Colocalizes with DAPK1 in the microtubules and cortical actin fibers. .; [MAP1 light chain LC1]:

Cytoplasm.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 271kD
Human Gene ID 4131
Human Swiss-Prot Number P46821

Alternative Names

Background This gene encodes a protein that belongs to the

microtubule-associated protein family. The proteins

of this family are thought to be involved in

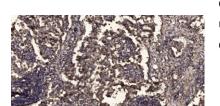


+86-27-59760950 ELKbio@ELKbiotech.com

www.elkbiotech.com



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, Jul 2008],



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

