

MAP2 (Phospho-Thr1616) rabbit pAb

Cat No.: ES15040

For research use only

Overview

Product Name MAP2 (Phospho-Thr1616) rabbit pAb

Host species Rabbit
Applications IHC;IF;WB

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions IHC-p 1:50-200, WB 1:500-2000

Immunogen Synthesized peptide derived from human MAP2

(Phospho-Thr1616)

Specificity This antibody detects endogenous phospho levels of

MAP2 (Phospho-Thr1616) at Human:T1616,

Mouse:T1620, Rat:T1622

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 MAP2 (Phospho-Thr1616)

Gene Name MAP2

Cellular localizationCytoplasm, cytoskeleton . Cell projection, dendrite .PurificationThe antibody was affinity-purified from rabbit antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 280kD
Human Gene ID 4133
Human Swiss-Prot Number P11137

Alternative Names Microtubule-associated protein 2 (MAP-2)

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

microtubule assembly, which is an essential step in neurogenesis. The products of similar genes in rat and mouse are neuron-specific cytoskeletal proteins that are enriched in dentrites, implicating a role in determining and stabilizing dentritic shape during

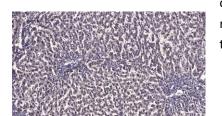


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neuron development. A number of alternatively spliced variants encoding distinct isoforms have been described. [provided by RefSeq, Jan 2010],



Immunohistochemical analysis of paraffin-embedded human liver cancer. 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).



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