

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 localization	Cytoplasm, cytoskeleton . Cell projection, dendrite .
Purification	The 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 dendrites, implicating a role in determining and stabilizing dendritic shape during



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).

