Elabscience®

MAP2 Polyclonal Antibody

catalog number: E-AB-70056

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description Reactivity Mouse;Rat Immunogen KLH conjugated Synthetic peptide corresponding to Mouse MAP2 Host Rabbit Isotype IgG Purification Affinity purification Buffer Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol. Applications Recommended Dilution HC 1:200-1:300 Data Immunohistochemistry analysis of paraffin-embedded mouse Immunohistochemistry analysis of paraffin-embedded mouse Immunohistochemistry analysis of paraffin-embedded mouse Immunohistochemistry analysis of paraffin-embedded rat brain using MAP2 Polyclonal Antibody at dilution of 1:300. Preparation & Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. Shipping The product is shipped with ice pack,upon receipt,store it immediately at the		
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Background

The exact function of MAP2 is unknown but MAPs may stabilize the microtubules against depolymerization. They also seem to have a stiffening effect on microtubules. It contains 3 Tau/MAP repeats. Phosphorylated at serine residues in K-X-G-S motifs by causing MAP/microtubule affinity-regulating kinase (MARK1 or MARK2), detachment from microtubules, and their disassembly.