

MAP4 rabbit pAb

Cat No.:ES8897

For research use only

Overview

Product Name MAP4 rabbit pAb

Host species Rabbit
Applications WB;ELISA

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions WB 1:500-2000, ELISA 1:10000-20000

Immunogen Synthesized peptide derived from human MAP4

Polyclonal

Specificity This antibody detects endogenous levels of MAP4. **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 4 (MAP-4)

Gene Name MAP4

Cellular localization Cytoplasm, cytoskeleton . Cytoplasm, cytoskeleton,

microtubule organizing center . Recruitment to

microtubule is inhibited by microtubules

polyglutamylation. .

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 85kD
Human Gene ID 4134
Human Swiss-Prot Number P27816

Alternative Names Microtubule-associated protein 4 (MAP-4)

Background The protein encoded by this gene is a major

non-neuronal microtubule-associated protein. This

protein contains a domain similar to the microtubule-binding domains of neuronal microtubule-associated protein (MAP2) and microtubule-associated protein tau (MAPT/TAU). This protein promotes microtubule assembly, and



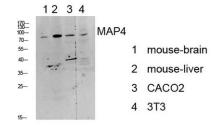
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has been shown to counteract destabilization of interphase microtubule catastrophe promotion. Cyclin B was found to interact with this protein, which targets cell division cycle 2 (CDC2) kinase to microtubules. The phosphorylation of this protein affects microtubule properties and cell cycle progression. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008],

Western blot analysis of various lysate, antibody was diluted at 1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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