



Anti-MAP4 (microtubule-associated protein 4 isoform 4) Phospho Polyclonal Antibody

Category: Phospho-Polyclonal Antibody

Catalog #: S1046 Phospho-AB3J023-Mouse(Phospho Site: 1046S)

Antigen Synonym: DKFZp779A1753, MGC8617

Species Reactivity: Mouse

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of human MAP4 (microtubule-associated protein 4 isoform 4)

Description: MAP4 (microtubule-associated protein 4 isoform 4) 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 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.

Reference:

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