

微管相关蛋白 4 抗体

产品货号： mlR21935

英文名称： MAP4

中文名称： 微管相关蛋白 4 抗体

别 名： DKFZp779A1753; MAP-4; MAP4; MAP4_HUMAN; MGC8617; Microtubule associated protein 4; Microtubule-associated protein 4; OTTHUMP00000210723; OTTHUMP00000210725; OTTHUMP00000210727; OTTHUMP00000210730.

研究领域： 细胞生物 信号转导 细胞周期蛋白 细胞骨架

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Horse, Sheep,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 121kDa

细胞定位： 细胞浆

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human MAP4:891-990/1156

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍 : The MAP4 (Microtubule associated protein 4) is a non neuronal microtubule associated protein. It promotes microtubule assembly. The phosphorylation of the Pro rich region in the C-terminus negatively regulates MAP4 activity to promote microtubule assembly.

Function:

Non-neuronal microtubule-associated protein. Promotes microtubule assembly.

Subunit:

Interacts with SEPT2; this interaction impedes tubulin-binding.

Subcellular Location:

Cytoplasm, cytoskeleton.

Post-translational modifications:

Phosphorylated at serine residues in K-X-G-S motifs by MAP/microtubule affinity-regulating kinase (MARK1 or MARK2), causing detachment from microtubules, and their disassembly (By similarity). Phosphorylation on Ser-787 negatively regulates MAP4 activity to promote microtubule assembly. Isoform 3 is phosphorylated on Ser-337 and Ser-338.

Similarity:

Contains 4 Tau/MAP repeats.

SWISS:

P27816

Gene ID:

4134

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

