

Anti-MAP-4 antibody



Description	Rabbit polyclonal to MAP-4.
Model	STJ94002
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, IHC
Immunogen	Synthesized peptide derived from human MAP-4 around the non-phosphorylation site of S696.
Immunogen Region	640-720 aa
Gene ID	4134
Gene Symbol	MAP4
Dilution range	IHC 1:100-1:300IF 1:200-1:1000ELISA 1:5000
Specificity	MAP-4 Polyclonal Antibody detects endogenous levels of MAP-4 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Microtubule-associated protein 4 MAP-4
Molecular Weight	121.019 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:6862OMIM:157132
Alternative Names	Microtubule-associated protein 4 MAP-4
Function	Non-neuronal microtubule-associated protein. Promotes microtubule assembly.
Cellular Localization	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 . Phosphorylation on Ser-787 negatively regulates MAP4 activity to promote microtubule assembly. Isoform 3 is phosphorylated on Ser-337 and Ser-338.

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com