

MAP-9 Polyclonal Antibody

Catalog No :	YT2638
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	MAP-9
Gene Name :	MAP9
Protein Name :	Microtubule-associated protein 9
Human Gene Id :	79884
Human Swiss Prot No :	Q49MG5
Mouse Swiss Prot No :	Q3TRR0
Immunogen :	The antiserum was produced against synthesized peptide derived from human MAP9. AA range:121-170
Specificity :	MAP-9 Polyclonal Antibody detects endogenous levels of MAP-9 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	75kD

Background : ASAP is a microtubule-associated protein required for spindle function, mitotic progression, and cytokinesis (Saffin et al., 2005 [PubMed 16049101]).[supplied by OMIM, Mar 2008],

Function : developmental stage:Constitutively expressed during the cell cycle.,function:Involved in organization of the bipolar mitotic spindle. Required for bipolar spindle assembly, mitosis progression and cytokinesis. May act by stabilizing interphase microtubules.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,subcellular location:Localizes to microtubules in interphase, associates with the mitotic spindle during mitosis, localizes to the central body during cytokinesis.,subunit:Binds to purified microtubules via its C-terminus.,

Subcellular Location : Cytoplasm . Cytoplasm, cytoskeleton . Cytoplasm, cytoskeleton, spindle . Localizes to microtubules in interphase, associates with the mitotic spindle during mitosis, localizes to the central body during cytokinesis.

Expression : Amygdala,Bone marrow,Brain,

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