

EML1 rabbit pAb

Catalog No :	YN7232
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	EML1
Gene Name :	EML1 EMAP1 EMAPL EMAPL1
Protein Name :	Echinoderm microtubule-associated protein-like 1 (EMAP-1) (HuEMAP-1)
Human Gene Id :	2009
Human Swiss Prot No :	O00423
Mouse Gene Id :	68519
Mouse Swiss Prot No :	Q05BC3
Rat Gene Id :	362783
Rat Swiss Prot No :	Q4V8C3
Immunogen :	Synthesized peptide derived from human EML1
Specificity :	This antibody detects endogenous levels of EML1 at Human, Mouse,Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
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)

Molecularweight : 90kD

Function : Modulates the assembly and organization of the microtubule cytoskeleton, and probably plays a role in regulating the orientation of the mitotic spindle and the orientation of the plane of cell division. Required for normal proliferation of neuronal progenitor cells in the developing brain and for normal brain development. Does not affect neuron migration per se.

Subcellular Location : Cytoplasm . Cytoplasm, perinuclear region . Cytoplasm, cytoskeleton . Detected in cytoplasmic punctae. Co-localizes with microtubules (PubMed:24859200, PubMed:25740311). Enriched in perinuclear regions during interphase and in the region of spindle microtubules during metaphase. Enriched at the midzone during telophase and cytokinesis. Detected at growth cones in neurons (By similarity) .

Expression : Ubiquitous; expressed in most tissues with the exception of thymus and peripheral blood lymphocytes.

Products Images