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EML1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55634

Specification

EML1 Polyclonal Antibody - Product Information

Application	**IHC-P, IHC-F, IF, ICC**
Primary Accession	O00423
Reactivity	**Rat, Dog, Cow**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**89861**

EML1 Polyclonal Antibody - Additional Information

Gene ID 2009

Other Names
Echinoderm microtubule-associated protein-like 1, EMAP-1, HuEMAP-1, EML1, EMAP1, EMAPL, EMAPL1

Format
0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. 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 ℃.

EML1 Polyclonal Antibody - Protein Information

Name EML1

Synonyms EMAP1, EMAPL, EMAPL1

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.

Cellular Location
Cytoplasm {ECO:0000250|UniProtKB:Q05BC3}. Cytoplasm, perinuclear region {ECO:0000250|UniProtKB:Q05BC3} Cytoplasm, cytoskeleton. Note=Detected in cytoplasmic punctae. Co-localizes with microtubules (PubMed:24859200) 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). {ECO:0000250|UniProtKB:Q05BC3, ECO:0000269|PubMed:24859200}

Tissue Location
Ubiquitous; expressed in most tissues with the exception of thymus and peripheral blood lymphocytes

EML1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture