

微管相关蛋白样蛋白 3 抗体

产品货号： mlR9731

英文名称： EML3

中文名称： 微管相关蛋白样蛋白 3 抗体

别名： Echinoderm microtubule associated protein like 3; ELP 95; EMAP 3; EMAP3; EMAP-3; EML 3; EML3; EML-3; FLJ 35827; MGC 111422; EMAL3_HUMAN.

研究领域： 细胞生物 细胞周期蛋白 细胞分化 细胞骨架

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Rabbit,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:50-200 （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：95kDa

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 EML3:451-550/896

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 background :

At the onset of mitosis, assembly of the mitotic spindle requires a global change in the activity of microtubule-binding proteins. EML3 (Echinoderm microtubule-associated protein-like 3) is a 896 amino acid protein that likely modifies microtubule dynamics by making them longer. Through colocalization with spindle microtubules during mitosis, EML3 plays a role in correct metaphase chromosome alignment. EML3 contains a nuclear localization signal and a microtubule-binding domain. The gene encoding EML3 maps to human chromosome 11, which houses over 1,400 genes and comprises nearly 4% of the human genome. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are associated with defects in genes that maps to chromosome 11.

Function:

May modify the assembly dynamics of microtubules, such that microtubules are slightly longer, but more dynamic (By similarity).

Subcellular Location:

Cytoplasmic

Similarity:

Belongs to the WD repeat EMAP family.

Contains 9 WD repeats.

SWISS:

Q32P44

Gene ID:

256364



Important Note:

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