4-磷酸磷脂酰肌醇 5 激酶 1 样蛋白抗体

产品货号： mlR0451

英文名称： PIP5KL1

中文名称： 4-磷酸磷脂酰肌醇 5 激酶 1 样蛋白抗体

别　　名： bA203J24.5; EC 2.7.1.68; MGC46424; phosphatidylinositol 4 phosphate 5 kinase like 1; phosphatidylinositol phosphate kinase homolog; Phosphatidylinositol-4-phosphate 5-kinase-like protein 1; PI(4)P 5 kinase like protein 1; PI(4)P 5-kinase-like protein 1; PI5L1_HUMAN; PIP5KL1; PIPKH; PtdIns(4)P 5 kinase like protein 1; PtdIns(4)P-5-kinase-like protein 1.

研究领域： 肿瘤　细胞生物　信号转导　细胞骨架

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Cow, Horse, Rabbit,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （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： 45kDa

细胞定位： 细胞浆 细胞膜

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human PIP5KL1:101-220/394

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： PIPKH, also known as PIP5KL1 (phosphatidylinositol-4-phosphate 5-kinase-like 1), is a 394 amino acid phosphoinositide kinase-like protein that contains one PIPK domain. Although PIPKH lacks intrinsic lipid kinase activity, it associates with type I PIPKs and may play a role in localization of PIPK activity. Encoded by a gene that maps to human chromosome 9q34.11, PIPKH localizes to cytoplasm, specifically to large cytoplasmic vesicular structures, and exists as two alternatively spliced isoforms. Highly expressed in brain and testis, PIPKH is also expressed at very low levels in heart, spleen, lung, liver, skeletal muscle and kidney. PIPKH heterodimerizes with other type I phosphatidylinositol-4-phosphate 5-kinases, and may function as a scaffold to localize and regulate kinases to specific cell compartments. Overexpression of PIPKH may suppress cell proliferation and migration in human gastric cancer cells and may also inhibit cervical cancer formation.

Function:

May act as a scaffold to localize and regulate type I PI(4)P 5-kinases to specific compartments within the cell, where they generate PI(4,5)P2 for actin nucleation, signaling and scaffold protein recruitment and conversion to PI(3,4,5)P3.

Subunit:

Heterodimerizes with other type I phosphatidylinositol 4-phosphate 5-kinase.

Subcellular Location:

Cytoplasm. Membrane. Note=Localized to large cytoplasmic vesicular structures.

Similarity:

Contains 1 PIPK domain.

SWISS:

Q5T9C9

Gene ID:

138429

Important Note:

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

产品图片