

磷酸酯酶 3 蛋白抗体

产品货号： mlR3628

英文名称： PRL3

中文名称： 磷酸酯酶 3 蛋白抗体

别 名： PRL-R;Potentially prenylated protein tyrosine phosphatase; PRL 3; PRL R; PRLR: PRL3; PRLR; Protein tyrosine phosphatase 4a3; PTP 4A3: PTP4A3.

研究领域： 肿瘤 免疫学 信号转导 转录调节因子 激酶和磷酸酶

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Cow, Horse, Rabbit, Sheep, Guinea Pig, Danio

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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： 19kDa

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 PRL3/PTP4A3:101-173/173

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： PTP4A3 protein tyrosine phosphatase which stimulates progression from G1 into S phase during mitosis. It enhances cell proliferation, cell motility and invasive activity, and promotes cancer metastasis. It may be involved in the progression of cardiac hypertrophy by inhibiting intracellular calcium mobilization in response to angiotensin II. PTP4A3 interacts with tubulin. It belongs to the protein tyrosine phosphatase family. It is mainly expressed in cardiomyocytes and skeletal muscle; also found in pancreas. It is consistently overexpressed in colon cancer metastasis.

Subunit:

Interacts with tubulin.

Subcellular Location:

Cell membrane. Early endosome.

Tissue Specificity:

Mainly expressed in cardiomyocytes and skeletal muscle; also found in pancreas. Consistently overexpressed in colon cancer metastasis.

Similarity:

Belongs to the protein-tyrosine phosphatase family.



Contains 1 tyrosine-protein phosphatase domain.

SWISS:

O75365

Gene ID:

11156

Important Note:

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