

磷脂酸磷酸酶 2C 抗体

产品货号： mlR0739

英文名称： PAP2c

中文名称： 磷脂酸磷酸酶 2C 抗体

别名： PPAP2C; EC 3.1.3.4; Phosphatidic acid phosphatase 2c; Lipid phosphate phosphohydrolase 2; LPP2; PAP 2c; PAP2 G; PAP2 gamma; Phosphatidic acid phosphatase 2c; Phosphatidic acid phosphatase type 2C; Phosphatidate phosphohydrolase type 2c; Type 2 phosphatidic acid phosphatase gamma; PAP2c; PAP-2c; PAP2G; PAP2-gamma; LPP2_HUMAN; PAP2-G.

研究领域： 肿瘤 细胞生物 信号转导 激酶和磷酸酶 脂蛋白 新陈代谢

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Pig, Cow,

产品应用： 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： 33kDa

细胞定位： 细胞膜

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human PAP2c:81-276/288

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 : The protein encoded by this gene is a member of the phosphatidic acid phosphatase (PAP) family. PAPs convert phosphatidic acid to diacylglycerol, and function in de novo synthesis of glycerolipids as well as in receptor-activated signal transduction mediated by phospholipase D. This protein is similar to phosphatidic acid phosphatase type 2A (PPAP2A) and type 2B (PPAP2B). All three proteins contain 6 transmembrane regions, and a consensus N-glycosylation site. This protein has been shown to possess membrane associated PAP activity. Three alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008].

Function:

Catalyzes the conversion of phosphatidic acid (PA) to diacylglycerol (DG). In addition it hydrolyzes lysophosphatidic acid (LPA), ceramide-1-phosphate (C-1-P) and sphingosine-1-phosphate (S-1-P). The relative catalytic efficiency is PA > C-1-P > LPA > S-1-P.

Subunit:

Homodimer.

Subcellular Location:

Membrane; Multi-pass membrane protein.

Tissue Specificity:

Found mainly in brain, pancreas and placenta.

Similarity:

Belongs to the PA-phosphatase related phosphoesterase family.

SWISS:

O43688

Gene ID:

8612

Important Note:

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