溶血磷脂酰甘油酰基转移酶 1 抗体

产品货号： mlR18347

英文名称： LPGAT1

中文名称： 溶血磷脂酰甘油酰基转移酶 1 抗体

别　　名： Acyl CoA:lysophosphatidylglycerol acyltransferase 1; Acyl-CoA:lysophosphatidylglycerol acyltransferase 1; FAM34A; FAM34A1; Family with sequence similarity 34 member A; KIAA0205; LGAT1_HUMAN; Lpgat1; lysophosphatidylglycerol acyltransferase 1; NET8.

研究领域： 细胞生物　免疫学　信号转导

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Pig,

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： 43kDa

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 LPGAT1:151-250/370

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： Acyl-CoA:lysophosphatidylglycerol (LPG) acyltransferase catalyzes the reacylation of LPG to phosphatidylglycerol, a membrane phospholipid that is an important precursor for the synthesis of cardiolipin (Yang et al., 2004 [PubMed 15485873]).[supplied by OMIM, Mar 2008]

Function:

Lysophoshatidylglycerol (LPG) specific acyltransferase that recognizes various acyl-CoAs and LPGs as substrates but demonstrates a clear preference for long chain saturated fatty acyl-CoAs and oleoyl-CoA as acyl donors. Prefers oleoyl-LPG over palmitoyl-LPG as an acyl receptor and oleoyl-CoA over lauroyl-CoA as an acyl donor.

Subcellular Location:

Endoplasmic reticulum membrane.

Tissue Specificity:

Highly expressed in liver and placenta. Also expressed in peripheral blood, lung, kidney and brain. Detected at lower levels in colon.

Similarity:

Belongs to the 1-acyl-sn-glycerol-3-phosphate acyltransferase family.

SWISS:

Q92604

Gene ID:

9926

Important Note:

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