MOGAT2 蛋白抗体

产品货号： mlR17705

英文名称： MOGAT2

中文名称： MOGAT2 蛋白抗体

别　　名： 2 acylglycerol O acyltransferase 2; 2-acylglycerol O-acyltransferase 2; Acyl CoA:monoacylglycerol acyltransferase 2; Acyl-CoA:monoacylglycerol acyltransferase 2; DC5; DGAT2L5; Diacylglycerol acyltransferase 2 like protein 5; Diacylglycerol acyltransferase 2-like protein 5; Diacylglycerol O acyltransferase candidate 5; Diacylglycerol O-acyltransferase candidate 5; EC 2.3.1.22; FLJ22644; hDC5; hMGAT2; Mgat1l; MGAT2; MGC119183; MGC119184; MGC119185; MGC189143; mogat2; MOGT2_HUMAN; Monoacylglycerol O acyltransferase 1 like; Monoacylglycerol O acyltransferase 2; Monoacylglycerol O-acyltransferase 2.

研究领域： 肿瘤　细胞生物　信号转导　新陈代谢

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse,

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： 38kDa

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 MOGAT2:51-150/334

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 : Dietary fat absorption from the small intestine is facilitated by acyl-CoA:monoacylglycerol transferase (MOGAT; EC 2.3.1.22) and acyl-CoA:diacylglycerol acyltransferase (DGAT; see MIM 604900) activities. MOGAT catalyzes the joining of monoacylglycerol and fatty acyl-CoAs to form diacylglycerol (Yen and Farese, 2003 [PubMed 12621063]).[supplied by OMIM, Mar 2008]

Function:

Catalyzes the formation of diacylglycerol from 2-monoacylglycerol and fatty acyl-CoA. Has a preference toward monoacylglycerols containing unsaturated fatty acids in an order of C18:3 > C18:2 > C18:1 > C18:0. Plays a central role in absorption of dietary fat in the small intestine by catalyzing the resynthesis of triacylglycerol in enterocytes. May play a role in diet-induced obesity.

Subcellular Location:

Endoplasmic reticulum membrane.

Tissue Specificity:

Highly expressed in liver, small intestine, colon, stomach and kidney.

Similarity:

Belongs to the diacylglycerol acyltransferase family.

SWISS:

Q3SYC2

Gene ID:

80168

Important Note:

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