抗小鼠DGAT1多克隆抗体

Anti-Mouse DGAT1 Polyclonal Antibody

货号：RB9T37037331

在您使用本产品前请认真阅读说明书，这对您顺利完成实验很有帮助。

产品编码
RB9T37037331

中文名称
抗小鼠DGAT1多克隆抗体

英文名称
Anti-Mouse DGAT1 Polyclonal Antibody

形态
Liquid

内毒素水平
Please contact with the lab for this information.

应用
ELISA, IHC, WB

登录号
Q9Z2A7

宿主种属
Rabbit

克隆性
Polyclonal

抗体亚型
IgG

纯化方式
Purified by antigen affinity column.

种属反应性
Mouse, Rat

靶标
ACAT-related gene product 1, AGRP1, ARAT, Acyl-CoA retinol O-fatty-acyltransferase, DGAT, DGAT1, Diacylglycerol O-acyltransferase 1, Diglyceride acyltransferase, EC:2.3.1.20, EC:2.3.1.76, Retinol O-fa

免疫原
E. coli - derived recombinant Mouse DGAT1 (Gly2-Ser92).

产品使用说明

ELISA:1:5000-1:20000;IHC:1:50-1:500;WB:1:500-1:2000

背景信息

Diacylglycerol O-acyltransferase 1 (DGAT1) is a ~56 kDa protein. Catalyzes the terminal and only committed step in triacylglycerol synthesis by using diacylglycerol and fatty acyl CoA as substrates. Highly expressed in epithelial cells of the small intestine and its activity is essential for the absorption of dietary fats. In liver, plays a role in esterifying exogenous fatty acids to glycerol, and is required to synthesize fat for storage. Also present in female mammary glands, where it produces fat in the milk. May be involved in VLDL (very low density lipoprotein) assembly.

1. Yen, CL. et al. (2005) Journal of lipid research 46, 1502-11. PMID: 15834126
2. Shih, MY. et al. (2009) The Journal of biological chemistry 284, 4292-9. PMID: 19028692
3. McFie, PJ. et al. (2010) The Journal of biological chemistry 285, 37377-87. PMID: 20876538
4. Qi, J. et al. (2012) Journal of lipid research 53, 1106-16. PMID: 22493088
5. Ma, Z. et al. (2017) Journal of lipid research 58, 1091-1099. PMID: 28420705
6. Buhman, KK. et al. (2002) The Journal of biological chemistry 277, 25474-9. PMID: 11959864

储存缓冲液

0.01M PBS, pH 7.4, 50% Glycerol, 0.05% Proclin 300.

For research use only