载脂蛋白 O 抗体

产品货号： mlR12502

英文名称： Apolipoprotein O

中文名称： 载脂蛋白 O 抗体

别　　名： ApoO; 0610008C08Rik; 1110019O03Rik; Apolipoprotein O; APOO; APOO_HUMAN; FAM121B; Family with sequence similarity 121B; MGC130105; MGC130106; MGC4825; My025; MYO25; OTTHUMP00000023073; Protein FAM121B; RP23-272D10.2.

研究领域： 肿瘤　心血管　细胞生物　新陈代谢

抗体来源： Rabbit

克隆类型： Polyclonal

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

产品应用： WB=1:500-2000 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： 20kDa

细胞定位： 细胞膜 分泌型蛋白

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human ApoO/Apolipoprotein O:101-198/198

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： Apolipoproteins are a family of fatty-acid binding proteins that transport fat through the bloodstream in the form of lipoproteins. ApoO (Apolipoprotein O), also known as FAM121B or My025, is a 198 amino acid single-pass membrane protein that belongs to the apolipoprotein family. Expressed ubiquitously with particularly high expression in diabetic heart tissue, apoO functions to promote the transport of cholesterol from macrophage cells and may be involved in regulatory mechanisms that protect lipid accumulation within the heart. ApoO is present in high density lipoproteins (HDLs) and low density lipoproteins (LDLs) and is secreted by an MTP (microsomal triglyceride transfer protein)-dependent mechanism. Two isoforms of apoO exist due to alternative splicing events.

Function:

Promotes cholesterol efflux from macrophage cells. Detected in HDL, LDL and VLDL. Secreted by a microsomal triglyceride transfer protein (MTTP)-dependent mechanism, probably as a VLDL-associated protein that is subsequently transferred to HDL. May be involved in myocardium-protective mechanisms against lipid accumulation.

Subcellular Location:

Membrane. Secreted.

Tissue Specificity:

Expressed in all tissues examined. Up-regulated in diabetic heart.

Post-translational modifications:

O-glycosylation; glycosaminoglycan of chondroitin-sulfate type.

Similarity:

Belongs to the apolipoprotein O family.

SWISS:

Q9BUR5

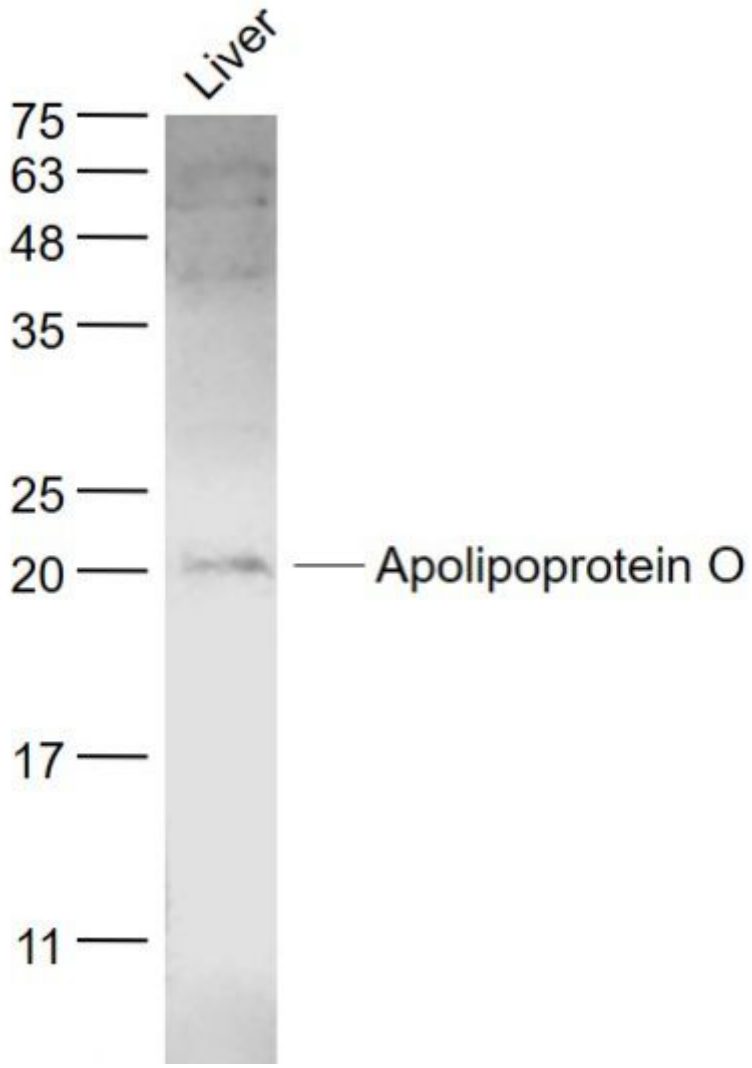
Gene ID:

79135

Important Note:

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

产品图片


Liver
75
63
48
35
25
20
17
11
Apolipoprotein O