

Anti-Apolipoprotein A V/APOA5 antibody [2G1H11, 1F1E8] ab115772

★★★★★ [1 Abreviews](#) [3 图像](#)

概述

产品名称	Anti-Apolipoprotein A V/APOA5抗体[2G1H11, 1F1E8]
描述	小鼠单克隆抗体[2G1H11, 1F1E8] to Apolipoprotein A V/APOA5
宿主	Mouse
经测试应用	适用于: Sandwich ELISA, WB
种属反应性	与反应: Human
免疫原	Recombinant fragment corresponding to Human Apolipoprotein A V/APOA5. Database link: Q6Q788
阳性对照	Human serum; Recombinant Human Apolipoprotein A V/APOA5 protein.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	Preservative: 0.05% Sodium azide Constituent: PBS
纯度	Protein G purified
纯化说明	Purified from tissue culture supernatant.
克隆	单克隆
克隆编号	2G1H11, 1F1E8
同种型	IgG1

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab115772于以下的经测试应用

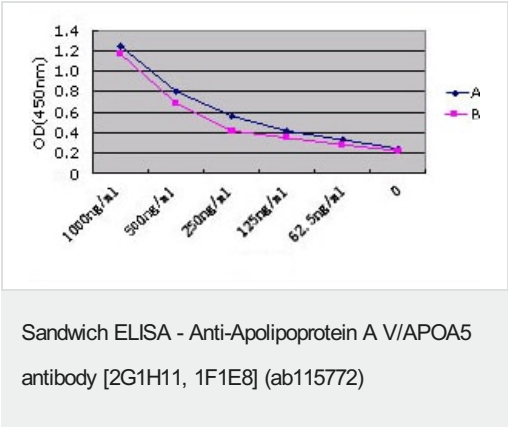
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Sandwich ELISA		1/10000.
WB	★★★★★ (1)	1/500 - 1/2000. Predicted molecular weight: 41 kDa.

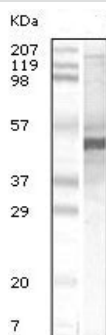
靶标

功能	Minor apolipoprotein mainly associated with HDL and to a lesser extent with VLDL. May also be associated with chylomicrons. Important determinant of plasma triglyceride (TG) levels by both being a potent stimulator of apo-CII lipoprotein lipase (LPL) TG hydrolysis and a inhibitor of the hepatic VLDL-TG production rate (without affecting the VLDL-apoB production rate) (By similarity). Activates poorly lecithin:cholesterol acyltransferase (LCAT) and does not enhance efflux of cholesterol from macrophages.
组织特异性	Liver and plasma.
疾病相关	Defects in APOA5 are a cause of susceptibility to familial hypertriglyceridemia (FHTR) [MIM:145750].mFamilial hypertriglyceridemia is a common inherited disorder in which the concentration of very low density lipoprotein (VLDL) is elevated in the plasma. This leads to increased risk of heart disease, obesity, and pancreatitis. Defects in APOA5 are a cause of hyperlipoproteinemia type 5 (HLPP5) [MIM:144650]. HLPP5 is characterized by increased amounts of chylomicrons and very low density lipoprotein (VLDL) and decreased low density lipoprotein (LDL) and high density lipoprotein (HDL) in the plasma after a fast. Numerous conditions cause this phenotype, including insulin-dependent diabetes mellitus, contraceptive steroids, alcohol abuse, and glycogen storage disease type 1A (GSD1A) [MIM:232200].
序列相似性	Belongs to the apolipoprotein A1/A4/E family.
翻译后修饰	Phosphorylation sites are present in the extracellular medium.
细胞定位	Secreted.

图片



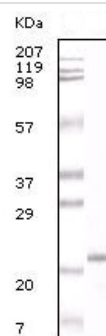
Sandwich ELISA using antibody pair to detect human Apolipoprotein A V/APOA5 protein.



Western blot - Anti-Apolipoprotein A V/APOA5 antibody [2G1H11, 1F1E8] (ab115772)

Anti-Apolipoprotein A V/APOA5 antibody [2G1H11, 1F1E8] (ab115772) at 1/500 dilution + Human serum

Predicted band size: 41 kDa



Western blot - Anti-Apolipoprotein A V/APOA5 antibody [2G1H11, 1F1E8] (ab115772)

Anti-Apolipoprotein A V/APOA5 antibody [2G1H11, 1F1E8] (ab115772) at 1/500 dilution + Human recombinant Apolipoprotein A V/APOA5 protein

Predicted band size: 41 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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