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Datasheet for ABIN968964 anti-APOO antibody

2 Images

2 Publications



Overview

Quantity:	100 μL
Target:	APOO
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Purified recombinant fragment of ApoO expressed in E. coli.
Clone:	2F1
lsotype:	lgG1
Purification:	purified

Target Details

Target:	APOO
Alternative Name:	ApoO (APOO Products)
Background:	Description: ApoO: apolipoprotein O, also known as MYO25, FAM121B, MGC4825. Entrez
	Protein NP_077027. It is a chrondroitin-sulfate chain containing member of the apolipoprotein
	family and is an original glycoprotein up-regulated by diabetes in human Heart. 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-

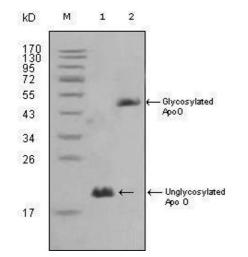
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Target Details

	associated protein that is subsequently transferred to HDL. May be involved in myocardium-
	protective mechanisms against lipid accumulation.
	Aliases: MY025, FAM121B, MGC4825
Molecular Weight:	22.2 kDa
Gene ID:	79135
HGNC:	79135
Application Details	
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Ascitic fluid containing 0.03 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage
Publications	
Product cited in:	Lamant, Smih, Harmancey, Philip-Couderc, Pathak, Roncalli, Galinier, Collet, Massabuau,
	Senard, Rouet: "ApoO, a novel apolipoprotein, is an original glycoprotein up-regulated by
	diabetes in human heart." in: The Journal of biological chemistry , Vol. 281, Issue 47, pp.
	36289-302, (2006) (PubMed).
	Clark, Gurney, Abaya, Baker, Baldwin, Brush, Chen, Chow, Chui, Crowley, Currell, Deuel, Dowd,
	Eaton, Foster, Grimaldi, Gu, Hass, Heldens, Huang, Kim, Klimowski, Jin, Johnson, Lee, Lewis,
	Liao, Mark et al.: "The secreted protein discovery initiative (SPDI), a large-scale effort to identify
	novel human secreted and transmembrane proteins: a bioinformatics assessment" in:

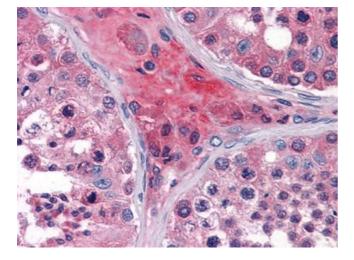
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Images



Western Blotting

Image 1. Western blot analysis using ApoO mouse mAb against HepG2 (1) and 3T3L1(2) cell lysate.



Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffinembedded human Testis tissues using ApoO mouse mAb