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Datasheet for ABIN1724662 anti-Apolipoprotein M antibody

2 Images

3 Publications



Overview

Quantity:	100 µL
Target:	Apolipoprotein M (APOM)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Apolipoprotein M antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of ApoM expressed in E. coli.
Clone:	10C3G5
lsotype:	lgG2a
Purification:	purified

Target Details

Target:	Apolipoprotein M (APOM)
Alternative Name:	ApoM (APOM Products)
Background:	Description: ApoM (apolipoprotein M, also designated G3a or NG20), with 188-amino acid protein(about 21 kDa), is an apolipoprotein and member of the lipocalin protein family. The Apo-
	proteins are involved in the specific binding of cellular receptors, the regulation of lipolytic
	enzymes, and the process of lipid exchange. The encoded protein is secreted through the

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Target Details

	plasma membrane but remains membrane-bound, where it is involved in lipid transport. The N-
	terminal region of Apo-M contains hydrophobic residues that may promote association with the
	phospholipid layer of lipoprotein particles. In vitro, Apo-M is glycosylated when translated in the
	presence of microsomes, and remains associated with the microsomes after carbonate
	treatment. Apo-M is expressed in liver and kidney, and is secreted into the bloodstream in HDLs,
	and also found in triglyceride-rich lipoproteins and LDLs.
	Aliases: G3a, NG20, HSPC336, MGC22400
Molecular Weight:	21 kDa
Gene ID:	55937
HGNC:	55937
Application Details	
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: 1:200 - 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified antibody in PBS containing 0.03 % sodium azide.
Buffer: Preservative:	Purified antibody in PBS containing 0.03 % sodium azide. Sodium azide
Buffer: Preservative: Precaution of Use:	Purified antibody in PBS containing 0.03 % sodium azide. Sodium azide This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
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Immunofluorescence

Image 1. Immunofluorescence analysis of methanol-fixed L-02 (left) and Cos7 (right) cells using ApoM mouse mAb showing cytoplasmic and membrane localization.



Western Blotting

Image 2. Western blot analysis using ApoM mouse mAb against GST-ApoM recombinant protein (1) and human serum (2).

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