Datasheet for ABIN965579

anti-Apolipoprotein M antibody

3 Publications

Go to Product page

Overview

Quantity:	0.1 mL
Target:	Apolipoprotein M (APOM)
Reactivity:	Human
Host:	Please inquire
Clonality:	Monoclonal
Conjugate:	This Apolipoprotein M antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Isotype:	IgG1, IgG2b
Specificity:	Ni-NTA purified full-length recombinant ApoM.trx expressed in E. Coli strain BL21 (DE3)
Purification:	Antibodies are purified by protein A affinity chromatography

Target Details

Target:	Apolipoprotein M (APOM)
Alternative Name:	ApoM (APOM Products)
Background:	ApoM(apolipoprotein M,also designated G3a or NG20),with 188-amino acid protein(about 21kDa),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 plasma membrane but remains membrane-bound, where it is involved in lipid transport. The N-terminal region of Apo-

Target Details

	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.
Gene ID:	55937

Application Details

Application Notes:	Western Blot: 1: 500- 1: 2,000 IF: 1: 200- 1: 1,000 ELISA: Propose dilution 1: 10,000. Determining optimal working dilutions by titration test.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Storage:	-20 °C

Publications

Product cited in:	Zhang, Jiao, Hurtig, Dong, Zheng, Luo, Nilsson-Ehle, Ye, Xu: "Expression pattern of apolipoprotein M during mouse and human embryogenesis." in: **Acta histochemica**, Vol. 106, Issue 2, pp. 123-8, (2004) (PubMed). Duan, Dahlbäck, Villoutreix: "Proposed lipocalin fold for apolipoprotein M based on bioinformatics and site-directed mutagenesis." in: **FEBS letters**, Vol. 499, Issue 1-2, pp. 127-32, (2001) (PubMed). Xu, Dahlbäck: "A novel human apolipoprotein (apoM)." in: **The Journal of biological chemistry**, Vol. 274, Issue 44, pp. 31286-90, (1999) (PubMed).