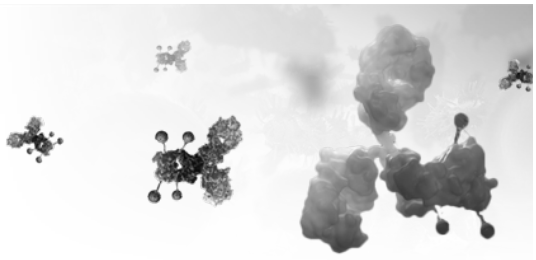

APOA1 blocking peptide (CDBP5088)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes apolipoprotein A-I, which is the major protein component of high density lipoprotein (HDL) in plasma. The protein promotes cholesterol efflux from tissues to the liver for excretion, and it is a cofactor for lecithin cholesterolacyltransferase (LCAT) which is responsible for the formation of most plasma cholesteryl esters. This gene is closely linked with two other apolipoprotein genes on chromosome 11. Defects in this gene are associated with HDL deficiencies, including Tangier disease, and with systemic non-neuropathic amyloidosis. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 μg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	APOA1 apolipoprotein A-I [Homo sapiens (human)]
Official Symbol	APOA1
Synonyms	APOA1; apolipoprotein A-I; apo-AI
Entrez Gene ID	335

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mRNA Refseq	NM_000039
Protein Refseq	NP_000030
UniProt ID	P02647
Pathway	ABC-family proteins mediated transport; ABCA transporters in lipid homeostasis; African trypanosomiasis; Amyloids; Binding and Uptake of Ligands by Scavenger Receptors; Chylomicron-mediated lipid transport; Disease; Diseases associated with visual transduction
Function	apolipoprotein A-I receptor binding; apolipoprotein receptor binding; beta-amyloid binding; cholesterol binding; contributes_to cholesterol transporter activity; cholesterol transporter activity; enzyme binding; high-density lipoprotein particle binding; high-density lipoprotein particle receptor binding; identical protein binding; lipase inhibitor activity; phosphatidylcholine-sterol O-acyltransferase activator activity; phospholipid binding; phospholipid transporter activity; protein binding

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