

ARG57112 anti-Apolipoprotein AI antibody [1E12]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [1E12] recognizes Apolipoprotein AI
Tested Reactivity	Hu
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	1E12
Isotype	IgG1, kappa
Target Name	Apolipoprotein AI
Species	Human
Immunogen	Recombinant fragment around aa. 25-267 of Human Apolipoprotein A1
Conjugation	Un-conjugated
Alternate Names	ApoA-I; ProapoA-I; Apo-AI; Apolipoprotein A-I; Apolipoprotein A1; 1-242

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:5000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

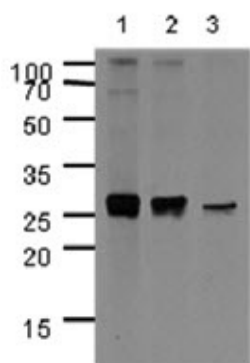
Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 335 Human Swiss-port # P02647 Human
Gene Symbol	APOA1
Gene Full Name	apolipoprotein A-I
Background	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]
Function	Participates in the reverse transport of cholesterol from tissues to the liver for excretion by promoting cholesterol efflux from tissues and by acting as a cofactor for the lecithin cholesterol acyltransferase (LCAT). As part of the SPAP complex, activates spermatozoa motility. [UniProt]
Calculated Mw	31 kDa
PTM	Glycosylated. Palmitoylated. Phosphorylation sites are present in the extracellular medium.

Images



ARG57112 anti-Apolipoprotein AI antibody [1E12] WB image

Western blot: 40 µg of HepG2 cell lysate stained with ARG57112 anti-Apolipoprotein AI antibody [1E12] at 1) 1:500, 2) 1:1000, and 3) 1:5000.