

For Research Use Only

Apolipoprotein AI Recombinant antibody



Catalog Number: 83504-1-RR

Basic Information

Catalog Number: 83504-1-RR	GenBank Accession Number: BC005380	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 335	CloneNo.: 240269F1
Source: Rabbit	UNIPROT ID: P02647	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: apolipoprotein A-I	
	Calculated MW: 31 kDa	
	Observed MW: 26-30 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells,
Species Specificity: Human	

Background Information

ApoA1 is a major protein component of high density lipoproteins (HDL) which is associated with reversed cholesterol transport, lipid/cholesterol binding, lecithin/cholesterol acyltransferase (LCAT) activation and specific receptors binding. It is synthesized in the liver and small intestine. Defects of ApoA1 cause low HDL level and systemic non-neuropathic amyloidosis. Serum concentration of ApoA1 is inversely related to the risk of developing atherosclerosis.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

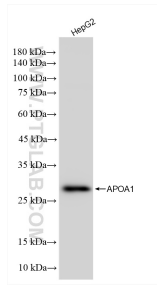
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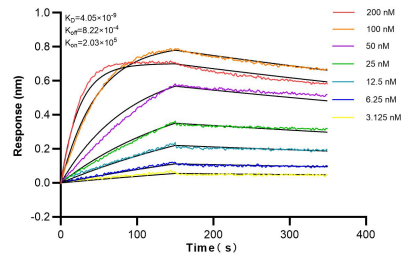
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Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 83504-1-RR (Apolipoprotein A1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83504-1-RR against Human Apolipoprotein A1 were performed. The affinity constant is 4.05 nM.