

For Research Use Only



CoraLite® Plus 488-conjugated Apolipoprotein A-I Polyclonal antibody

Catalog Number: **CL488-14427**

Basic Information

Catalog Number: CL488-14427	GenBank Accession Number: BC005380	Purification Method: Antigen affinity purification
Size: 1000 µg/ml	GeneID (NCBI): 335	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	UNIPROT ID: P02647	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Full Name: apolipoprotein A-I	
Immunogen Catalog Number: AG5793	Calculated MW: 31 kDa	
	Observed MW: 26-30 kDa	

Applications

Tested Applications:
IF-P

Species Specificity:
human, mouse

Positive Controls:

IF : mouse liver tissue,

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. This antibody was generated against the C-terminal region of human ApoA1.

Storage

Storage:

Store at -20°C. Avoid exposure to light.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

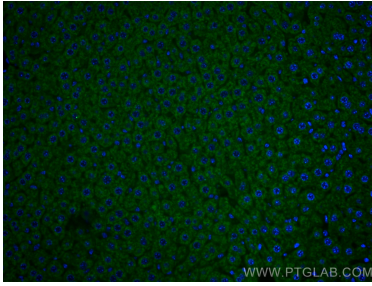
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse liver tissue using CoraLite® Plus 488 Apolipoprotein AI antibody (CL488-14427) at dilution of 1:200.