

For Research Use Only

FITC Plus-conjugated APOA4 Polyclonal antibody



Catalog Number: FITC-17996

Basic Information

Catalog Number: FITC-17996	GenBank Accession Number: BC074764	Purification Method: Antigen affinity purification
Size: 1000 µg/ml	GeneID (NCBI): 337	Recommended Dilutions: IF/ICC 1:50-1:500
Source: Rabbit	Full Name: apolipoprotein A-IV	Excitation/Emission maxima wavelengths: 495 nm / 524 nm
Isotype: IgG	Calculated MW: 396 aa, 45 kDa	
Immunogen Catalog Number: AG12454	Observed MW: 45-46 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HepG2 cells,
Species Specificity: human	

Background Information

APOA4 is a major protein component of chylomicrons in postprandial lymph and plasma. It is synthesized in the small intestine and the liver, attached to chylomicrons by enterocytes, and secreted into intestinal lymph during fat absorption. APOA4 is intimately involved in metabolism and has protective roles in cardiovascular diseases like atherosclerosis. APOA4 can promote insulin secretion and maintain glucose homeostasis. It also has potent antioxidant and anti-inflammatory properties.

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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Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using FITC Plus APOA4 antibody (FITC-17996) at dilution of 1:200.