For Research Use Only

FITC Plus-conjugated APOA4 Polyclonal antibody



Catalog Number:FITC-17996

Basic Information

Catalog Number: FITC-17996

Size: 1000 μg/ml GenBank Accession Number: BC074764

GenelD (NCBI):

45-46 kDa

337

Source: Full Name:

Rabbit apolipoprotein A-IV
Isotype: Calculated MW:
IgG 396 aa, 45 kDa
Immunogen Catalog Number: Observed MW:

wavelengths: 495 nm / 524 nm

IF/ICC 1:50-1:500

Purification Method:

Antigen affinity purification

Excitation/Emission maxima

Recommended Dilutions:

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC: HepG2 cells,

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 ins secretion and maintain glucose homeostasis. It also has potent antioxidant and anti-inflammatory properties.

Storage

Storage:

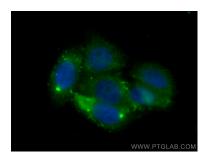
Store at -20°C. Avoid exposure to light.

Storage Buffer

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

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



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