

For Research Use Only

APOA4 Monoclonal ANTIBODY



Catalog Number: 66252-1-Ig

Basic Information

Catalog Number:

66252-1-Ig

Size:

150UL, Concentration: 787 µg/ml by Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG12454

GenBank Accession Number:

BC074764

GeneID (NCBI):

337

Full Name:

apolipoprotein A-IV

Calculated MW:

396 aa, 45 kDa

Observed MW:

45-46 kDa

Purification Method:

Protein G purification

CloneNo.:

3A9A8

Recommended Dilutions:

WB 1:1000-1:8000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB: human plasma tissue, L02 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. 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

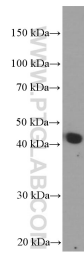
For technical support and original validation data for this product please contact:

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

Selected Validation Data



human plasma were subjected to SDS PAGE followed by western blot with 66252-1-Ig (APOA4 Antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.