

For Research Use Only

MBOAT4 Polyclonal antibody

Catalog Number: 32120-1-AP



Basic Information

Catalog Number:

32120-1-AP

Size:

450 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37237

GenBank Accession Number:

NM_001100916

GeneID (NCBI):

619373

UNIPROT ID:

Q96T53

Full Name:

membrane bound O-acyltransferase domain containing 4

Calculated MW:

50 kDa

Observed MW:

50 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HepG2 cells, MCF-7 cells

Background Information

MBOAT4, also known as ghrelin O-acyltransferase (GOAT), is an endoplasmic reticulum enzyme that catalyzes the octanoylation of the peptide hormone ghrelin, which is essential for the binding of ghrelin to its receptor and the subsequent regulation of food intake, growth hormone secretion, and inhibition of insulin secretion (PMID: 34946685). MBOAT4 is considered a potential therapeutic target for treating disorders related to ghrelin signaling (PMID: 32564644).

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:

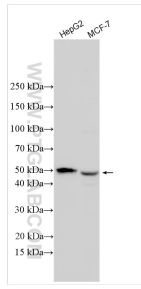
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32120-1-AP (MBOAT4 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.