

For Research Use Only

# MBOAT4 Polyclonal antibody, PBS Only

Catalog Number: 32120-1-PBS



## Basic Information

Catalog Number:

32120-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

## 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 -80°C.

Storage Buffer:

PBS Only

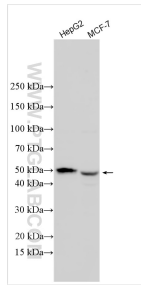
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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. This data was developed using the same antibody clone with 32120-1-PBS in a different storage buffer formulation.