

For Research Use Only

ACAT1 Monoclonal antibody

Catalog Number:60485-4-Ig



Basic Information

Catalog Number:

60485-4-Ig

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG9219

GenBank Accession Number:

BC010942

GeneID (NCBI):

38

UNIPROT ID:

P24752

Full Name:

acetyl-Coenzyme A acetyltransferase
1

Calculated MW:

45 kDa

Observed MW:

38-45 kDa

Purification Method:

Protein A purification

CloneNo.:

1F3H1

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : LNCaP cells, HSC-T6 cells, 4T1 cells, rabbit brain tissue, pig brain tissue, A549 cells, HepG2 cells, MJ cells, Karpas-422 cells

Background Information

ACAT1 (acetyl-CoA acetyltransferase), is a mitochondrial enzyme catalyzing the reversible formation or breakdown of acetoacetyl-CoA and plays important roles in ketogenesis and ketolysis. Deficiency of ACAT1 causes an inherited metabolic disorder. Recently ACAT1 has been reported to get involved in cancer progression.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

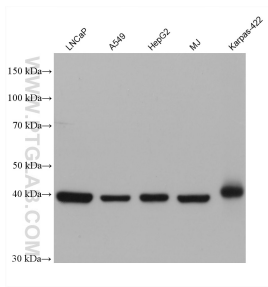
T: 4006900926

E: Proteintech-CN@ptglab.com

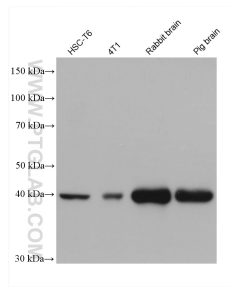
W: ptgcn.com

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 60485-4-Ig (ACAT1 antibody) at dilution of 1:40000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 60485-4-Ig (ACAT1 antibody) at dilution of 1:40000 incubated at room temperature for 1.5 hours.