

For Research Use Only

ACAT1 Monoclonal antibody

Catalog Number: 60485-4-Ig



Basic Information

Catalog Number: 60485-4-Ig	GenBank Accession Number: BC010942	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 38	CloneNo.: 1F3H1
Source: Mouse	UNIPROT ID: P24752	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG2b	Full Name: acetyl-Coenzyme A acetyltransferase 1	
Immunogen Catalog Number: AG9219	Calculated MW: 45 kDa	
	Observed MW: 38-45 kDa	

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

*** 20ul sizes contain 0.1% BSA

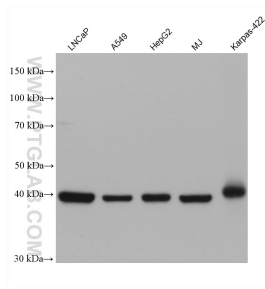
For technical support and original validation data for this product please contact:

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

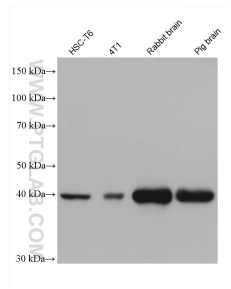
E: proteintech@ptglab.com
W: ptglab.com

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



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