

For Research Use Only

ACAT2 Monoclonal antibody

Catalog Number: 68005-1-Ig

Featured Product

1 Publications



Basic Information

Catalog Number:

68005-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG6596

GenBank Accession Number:

BC000408

GeneID (NCBI):

39

UNIPROT ID:

Q9BWD1

Full Name:

acetyl-Coenzyme A acetyltransferase

2

Calculated MW:

41 kDa

Observed MW:

42 kDa

Purification Method:

Protein G purification

CloneNo.:

1F5F11

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:200-1:800

IF/ICC 1:500-1:2000

Applications

Tested Applications:

WB, IF/ICC, IHC, ELISA

Cited Applications:

WB

Species Specificity:

Human, mouse, rat, rabbit

Cited Species:

mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HepG2 cells, HCT 116 cells, rat brain tissue, HeLa cells, Jurkat cells, K-562 cells, mouse brain tissue, rabbit brain tissue

IHC : human placenta tissue,

IF/ICC : HepG2 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Yang Wang	39059092	Phytomedicine	WB

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:

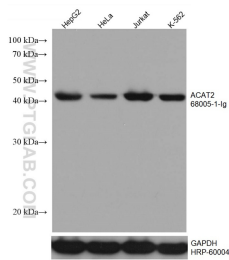
T: 4006900926

E: Proteintech-CN@ptglab.com

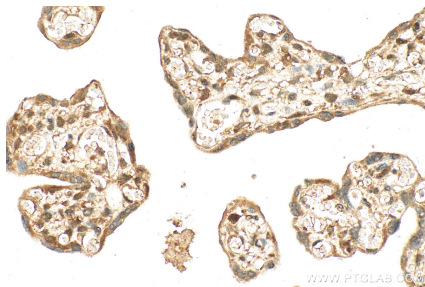
W: ptgcn.com

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

Selected Validation Data



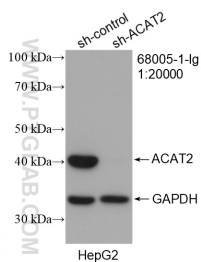
Various cell lysates were subjected to SDS PAGE followed by western blot with 68005-1-Ig (ACAT2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 68005-1-Ig (ACAT2 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using ACAT2 antibody (68005-1-Ig, Clone: 1F5F11) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



WB result of ACAT2 antibody (68005-1-Ig; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ACAT2 transfected HepG2 cells.