

For Research Use Only

# ACAT2 Monoclonal antibody

Catalog Number: 68005-1-Ig **Featured Product**



## Basic Information

<b>Catalog Number:</b> 68005-1-Ig	<b>GenBank Accession Number:</b> BC000408	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 39	<b>CloneNo.:</b> 1F5F11
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9BWD1	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IF 1:500-1:2000
<b>Isotype:</b> IgG1	<b>Full Name:</b> acetyl-Coenzyme A acetyltransferase 2	
<b>Immunogen Catalog Number:</b> AG6596	<b>Calculated MW:</b> 41 kDa	
	<b>Observed MW:</b> 42 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> Human, mouse, rat, rabbit	<b>WB :</b> HepG2 cells, HCT 116 cells, rat brain tissue, HeLa cells, Jurkat cells, K-562 cells, mouse brain tissue, rabbit brain tissue
	<b>IF :</b> HepG2 cells,

## Background Information

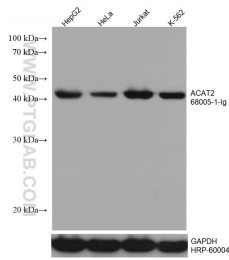
### Storage

**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

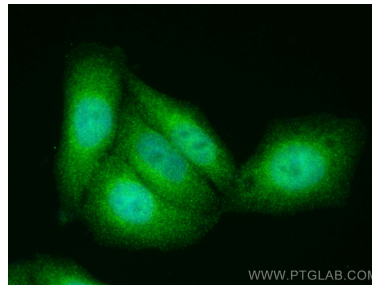
For technical support and original validation data for this product please contact:  
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

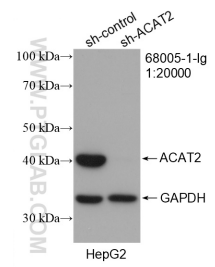
## Selected Validation Data



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.



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.