

For Research Use Only

# ACSL4/FACL4 Monoclonal antibody, PBS Only



Catalog Number: 66617-1-PBS

Featured Product

## Basic Information

Catalog Number:

66617-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG18085

GenBank Accession Number:

BC034959

GeneID (NCBI):

2182

UNIPROT ID:

O60488

Full Name:

acyl-CoA synthetase long-chain  
family member 4

Calculated MW:

711 aa, 79 kDa

Observed MW:

74 kDa

Purification Method:

Protein A purification

CloneNo.:

1H5D3

## Applications

Tested Applications:

Indirect ELISA, IHC, WB

Species Specificity:

human

## Background Information

### Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

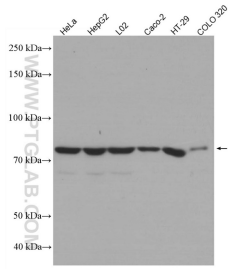
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

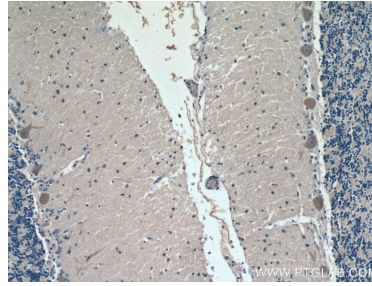
W: [ptgcn.com](http://ptgcn.com)

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

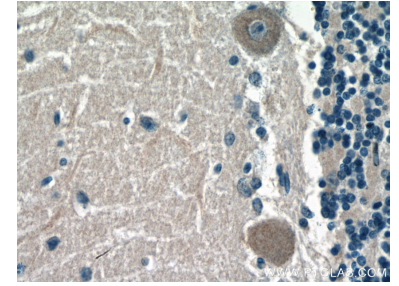
## Selected Validation Data



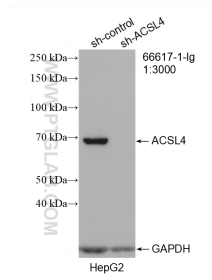
Various lysates were subjected to SDS PAGE followed by western blot with 66617-1-Ig (ACSL4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66617-1-PBS in a different storage buffer formulation.



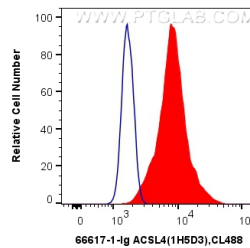
Immunohistochemical analysis of paraffin-embedded human cerebellum tissue slide using 66617-1-Ig (ACSL4 antibody) at dilution of 1:500 (under 10x lens). This data was developed using the same antibody clone with 66617-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human cerebellum tissue slide using 66617-1-Ig (ACSL4 antibody) at dilution of 1:500 (under 40x lens). This data was developed using the same antibody clone with 66617-1-PBS in a different storage buffer formulation.



WB result of ACSL4 antibody (66617-1-Ig; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ACSL4 transfected HepG2 cells. This data was developed using the same antibody clone with 66617-1-PBS in a different storage buffer formulation.



1X10<sup>6</sup> HEK-293T cells were intracellularly stained with 0.4 ug Anti-Human ACSL4 (66617-1-Ig, Clone:1H5D3) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 66617-1-PBS in a different storage buffer formulation.