

For Research Use Only

ACSL6 Polyclonal antibody, PBS Only

Catalog Number: 13847-1-PBS



Basic Information

Catalog Number:

13847-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4817

GenBank Accession Number:

BC047453

GeneID (NCBI):

23305

UNIPROT ID:

Q9UKU0

Full Name:

acyl-CoA synthetase long-chain family member 6

Calculated MW:

78 kDa

Observed MW:

74 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

ACSL6 (Acyl-CoA Synthetase Long Chain Family Member 6) is a long-chain lipoyl-coenzyme A synthetase that is mainly responsible for catalyzing the binding of long-chain fatty acids to coenzyme A to form acyl-coenzyme A (Acyl-CoA). ACSL6 is involved in fatty acid metabolic transporter and the synthesis of cell membrane phospholipids, which affects the cell structure and function. ACSL6 plays an extremely important role in the pathogenesis of cancers such as hepatocellular carcinoma, lung cancer and neuroblastoma, suggesting that it may serve as a biomarker and therapeutic target for cancer therapy.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

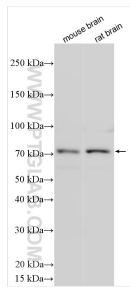
For technical support and original validation data for this product please contact:

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

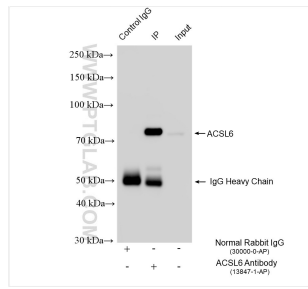
E: proteintech@ptglab.com
W: ptglab.com

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

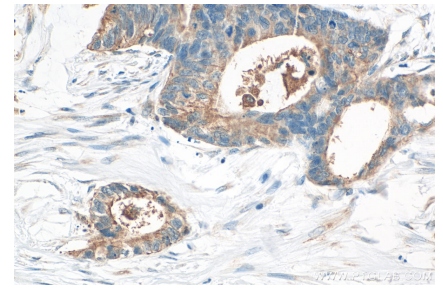
Selected Validation Data



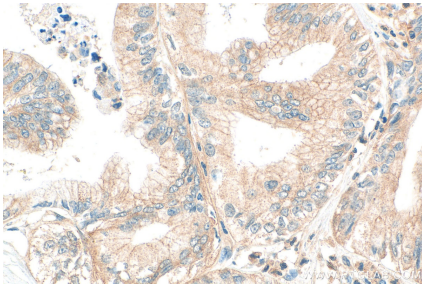
Various lysates were subjected to SDS PAGE followed by western blot with 13847-1-AP (ACSL6 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 13847-1-PBS in a different storage buffer formulation.



IP result of anti-ACSL6 (IP:13847-1-AP, 4ug; Detection:13847-1-AP 1:2000) with mouse brain tissue lysate 2120 ug. This data was developed using the same antibody clone with 13847-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human urothelial carcinoma tissue slide using 13847-1-AP (ACSL6 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 13847-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 13847-1-AP (ACSL6 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 13847-1-PBS in a different storage buffer formulation.