

For Research Use Only

ACSF2 Polyclonal antibody

Catalog Number: 16140-1-AP

Featured Product

9 Publications



Basic Information

Catalog Number:

16140-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9199

GenBank Accession Number:

BC012053

GeneID (NCBI):

80221

UNIPROT ID:

Q96CM8

Full Name:

acyl-CoA synthetase family member 2

Calculated MW:

615 aa, 68 kDa

Observed MW:

55-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:200-1:800

IF/ICC 1:20-1:200

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IHC, IF, IP, CoIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

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 : mouse lung tissue,

IHC : human colon cancer tissue, human skin tissue

IF/ICC : A549 cells,

Background Information

ACSF2 (encoded by acyl-CoA synthetase family member 2) belongs to the acyl-CoA synthetase (ACS) family, activating fatty acids by forming a thioester bond with CoA.

Notable Publications

Author	Pubmed ID	Journal	Application
Lianxiang Luo	36509196	Life Sci	WB,IHC
Meili Wang	36028068	Prostaglandins Other Lipid Mediat	WB,IP
Yin Zhang	39666251	Immunol Res	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

*** 20ul sizes contain 0.1% BSA

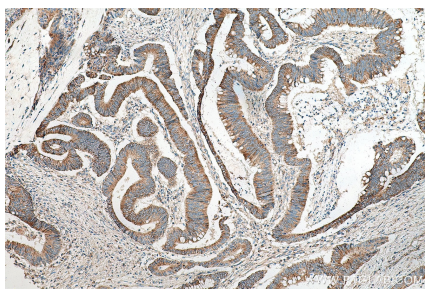
For technical support and original validation data for this product please contact:

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

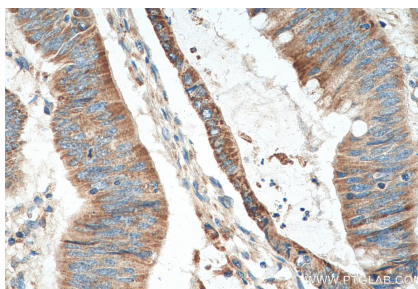
E: proteintech@ptglab.com
W: ptglab.com

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

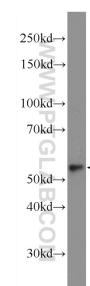
Selected Validation Data



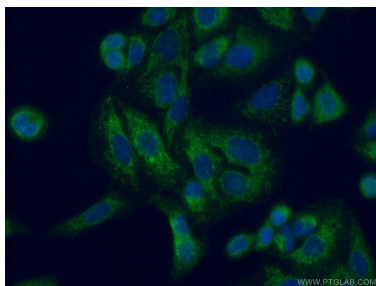
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 16140-1-AP (ACSF2 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 16140-1-AP (ACSF2 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



mouse lung tissue were subjected to SDS PAGE followed by western blot with 16140-1-AP (ACSF2 Antibody) at dilution of 1:600 incubated at 4 degree celsius over night.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using 16140-1-AP (ACSF2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).