

For Research Use Only

ACSF2 Polyclonal antibody

Catalog Number: 16140-1-AP **3 Publications**



Basic Information

Catalog Number: 16140-1-AP	GenBank Accession Number: BC012053	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 80221	Recommended Dilutions: WB 1:500-1:1000 IHC 1:200-1:800 IF 1:20-1:200
Source: Rabbit	Full Name: acyl-CoA synthetase family member 2	
Isotype: IgG	Calculated MW: 615 aa, 68 kDa	
Immunogen Catalog Number: AG9199	Observed MW: 55-70 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : mouse lung tissue, IHC : human colon cancer tissue, human skin tissue IF : A549 cells,
Cited Applications: IF, IHC, IP, WB	
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

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Lianxiang Luo	36509196	Life Sci	WB,IHC
Meili Wang	36028068	Prostaglandins Other Lipid Mediat	WB,IP
Haoyu Shi	36764625	Free Radic Biol Med	WB,IF

Storage

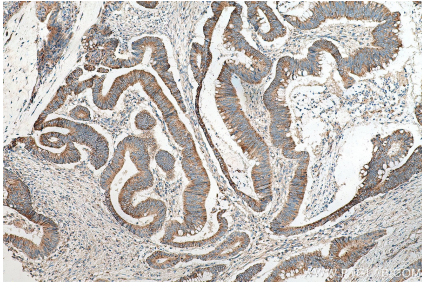
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

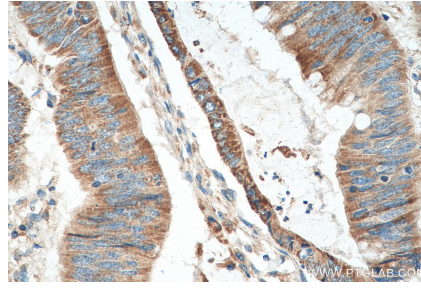
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

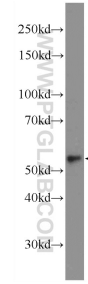
Selected Validation Data



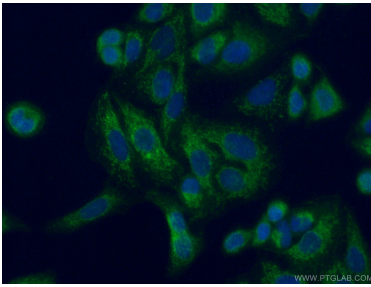
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 16140-1-AP (ACSF2 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).