

For Research Use Only

ACOX2 Polyclonal antibody

Catalog Number: 17571-1-AP **1 Publications**



Basic Information

Catalog Number: 17571-1-AP	GenBank Accession Number: BC047700	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop;	GeneID (NCBI): 8309	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:200-1:1000
Source: Rabbit	Full Name: acyl-Coenzyme A oxidase 2, branched chain	for WB: IHC 1:50-1:500 IF 1:10-1:100
Isotype: IgG	Calculated MW: 681 aa, 77 kDa	
Immunogen Catalog Number: AG11778	Observed MW: 70 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls: WB : mouse liver tissue, rat liver tissue
Cited Applications: IHC	IP : mouse liver tissue,
Species Specificity: human, mouse, rat	IHC : human liver tissue,
Cited Species: rat	IF : HepG2 cells,
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
Masahiro Okamura	33504992	Hypertens Res	IHC

Storage

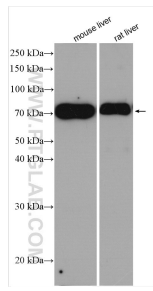
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

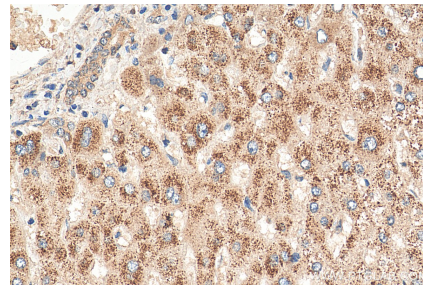
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

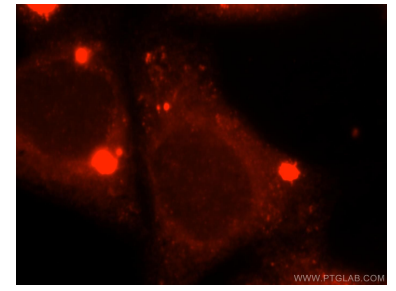
Selected Validation Data



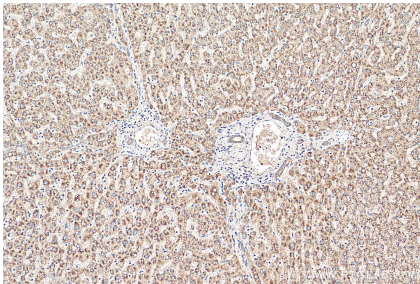
Various lysates were subjected to SDS PAGE followed by western blot with 17571-1-AP (ACOX2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



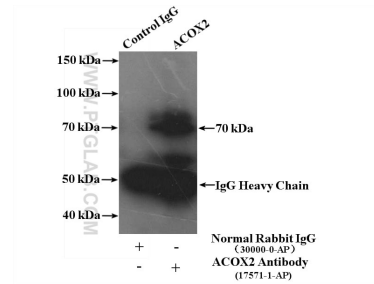
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 17571-1-AP (ACOX2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells, using ACOX2 antibody 17571-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 17571-1-AP (ACOX2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-ACOX2 (IP:17571-1-AP, 4ug; Detection:17571-1-AP 1:300) with mouse liver tissue lysate 6000ug.