

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ACOX1



Numéro de catalogue: 10957-1-AP

Phare

71 Publications

Informations de base

Numéro de catalogue: 10957-1-AP	Numéro d'acquisition GenBank: BC010425	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 400 µg/ml by Nanodrop;	Identification du gène (NCBI): 51	Dilutions recommandées: WB 1:1000-1:8000 IHC 1:50-1:500
Hôte: Lapin	Nom complet: acyl-Coenzyme A oxidase 1, palmitoyl	
Isotype: IgG	MW calculé 74 kDa	
Immunogen Catalog Number: AG1405	MW observés: 70-74kDa, 50 kDa, 22kDa	

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

bovin, Humain, poulet, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu hépatique de souris, cellules HCT 116, cellules HepG2, cellules SW480, cellules U-251, tissu hépatique de rat, tissu rénal de souris

IHC : tissu de cancer du foie humain,

Informations générales

ACOX1(Peroxisomal acyl-coenzyme A oxidase 1) is the first and rate-limiting enzyme in the peroxisomal fatty acid beta-oxidation pathway and catalyzes the desaturation of acyl-CoAs to 2-trans-enoyl-CoAs. It belongs to the acyl-CoA oxidase family and also named as ACOX, AOX, SCOX. It has 3 isoforms produced by alternative splicing with the molecular mass of 70-74 kDa and can be cleaved post-translationally into a 50-kDa and a 22-kDa subunit between Val468 and Ala469 (PMID: 10672038). Defects in ACOX1 are the cause of adrenoleukodystrophy pseudoneonatal (Pseudo-NALD).

Publications notables

Autrice	Pubmed ID	Journal	Application
Li-Na Sun	28923398	Cancer Lett	WB,IHC
Kahori Shimizu	36099304	PLoS One	WB
Yuezhu Zhang	31491605	Ecotoxicol Environ Saf	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

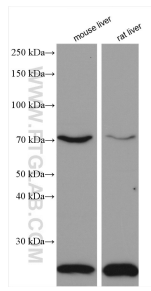
For technical support and original validation data for this product please contact:

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

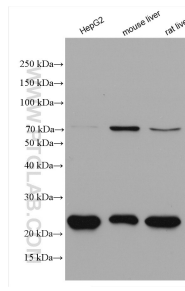
E: proteintech@ptglab.com
W: ptglab.com

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

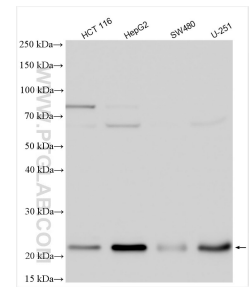
Données de validation sélectionnées



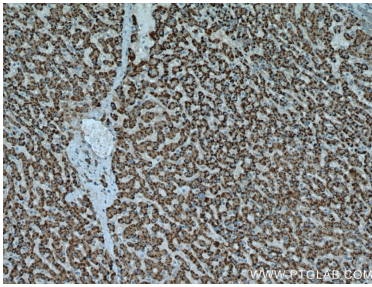
Various lysates were subjected to SDS PAGE followed by western blot with 10957-1-AP (ACOX1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



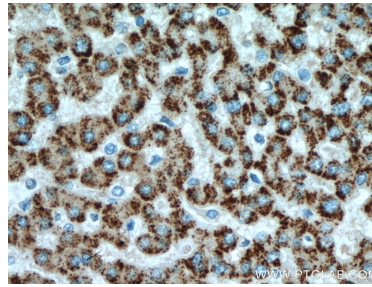
Various lysates were subjected to SDS PAGE followed by western blot with 10957-1-AP (ACOX1 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 10957-1-AP (ACOX1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 10957-1-AP (ACOX1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 10957-1-AP (ACOX1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).