

Nur für Forschungszwecke

ACOX1 Polyklonaler Antikörper

Katalog-Nr.:10957-1-AP

Vorgestelltes Produkt

66 Publikationen



Allgemeine Informationen

Katalog-Nr.: 10957-1-AP	GenBank-Zugangsnummer: BC010425	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 400 µg/ml von Nanodrop;	GeneID (NCBI): 51	Empfohlene Verdünnungen: WB 1:1000-1:8000 IHC 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: acyl-Coenzyme A oxidase 1, palmitoyl	
Isotyp: IgG	Berechnete Masse: 74 kDa	
Immunogen Katalognummer: AG1405	Beobachtete Masse: 50 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen: WB : Mauslebergewebe, HCT 116-Zellen, HepG2-Zellen, Mausnierengewebe, Rattenlebergewebe, SW480-Zellen, U-251-Zellen
In Publikationen genannte Anwendungen: IF, IHC, WB	IHC : humanes Leberkarzinomgewebe,
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Huhn, Human, Maus, Ratte, Rind	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

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).

Bemerkenswerte Veröffentlichungen

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

Lagerung

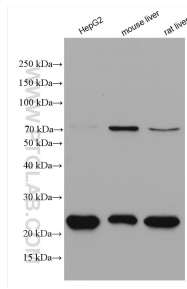
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

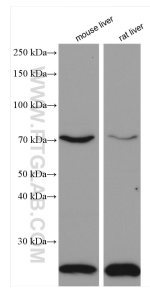
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

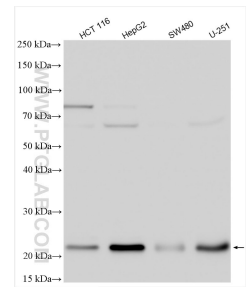
Ausgewählte Validierungsdaten



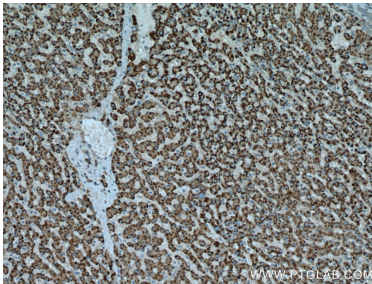
Various lysates were subjected to SDS PAGE followed by western blot with 10957-1-AP (ACOX1 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



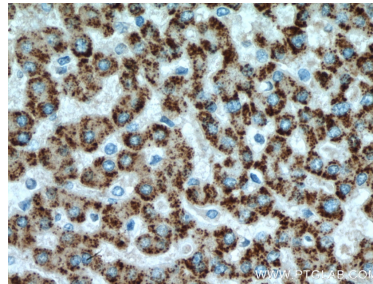
Various lysates were subjected to SDS PAGE followed by western blot with 10957-1-AP (ACOX1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



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