

À des fins de recherche uniquement

Anticorps Monoclonal anti-ACOX1

Numéro de catalogue: 68017-1-Ig **2 Publications**



Informations de base

Numéro de catalogue: 68017-1-Ig	Numéro d'acquisition GenBank: BC010425	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1000 µg/ml by 51 Nanodrop;	Identification du gène (NCBI): 51	CloneNo.: 3E12E10
Hôte: Mouse	Nom complet: acyl-Coenzyme A oxidase 1, palmitoyl	Dilutions recommandées: WB 1:2000-1:10000
Isotype: IgG1	MW calculé: 74 kDa	
Immunogen Catalog Number: AG28037	MW observés: 50 kDa	

Applications

Applications testées:
WB, ELISA

Demandes citées:
IF, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
rat

Contrôles positifs:

WB : cellules LNCaP, cellules HEK-293, cellules HeLa, cellules HepG2, cellules HSC-T6, cellules Jurkat, cellules NIH/3T3, tissu hépatique de porc, tissu hépatique de rat

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
Xinhui Liu	36313325	Front Pharmacol	WB
Qiming Xiao	35567992	Phytomedicine	WB,IF

Stockage

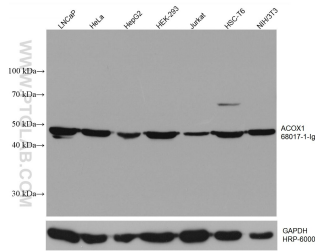
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

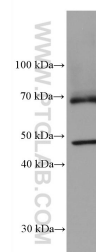
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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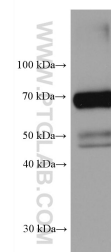
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 68017-1-Ig (ACOX1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



rat liver tissue were subjected to SDS PAGE followed by western blot with 68017-1-Ig (ACOX1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



pig liver tissue were subjected to SDS PAGE followed by western blot with 68017-1-Ig (ACOX1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.