

Nur für Forschungszwecke

ACOX1 Monoklonaler Antikörper

Katalog-Nr.: 68017-1-Ig **2 Publikationen**



Allgemeine Informationen

| | | |
|--|---|--|
| Katalog-Nr.: 68017-1-Ig | GenBank-Zugangsnummer: BC010425 | Reinigungsmethode: Protein-G-Reinigung |
| Größe: 150ul, Konzentration: 1000 µg/ml von51 Nanodrop; | GeneID (NCBI): 51 | CloneNo.: 3E12E10 |
| Wirt: Maus | Vollständiger Name: acyl-Coenzyme A oxidase 1, palmitoyl | Empfohlene Verdünnungen: WB 1:2000-1:10000 |
| Isotyp: IgG1 | Berechnete Masse: 74 kDa | |
| Immunogen Katalognummer: AG28037 | Beobachtete Masse: 50 kDa | |

Anwendungen

Geprüfte Anwendungen:

WB, ELISA

In Publikationen genannte Anwendungen:

IF, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Ratte

Positivkontrollen:

WB : LNCaP-Zellen, Hausschwein-Lebergewebe, HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen, Jurkat-Zellen, NIH/3T3-Zellen, Rattenlebergewebe

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

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**

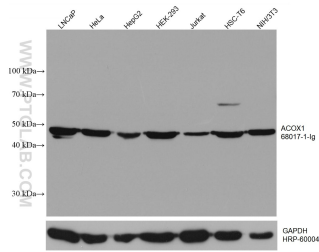
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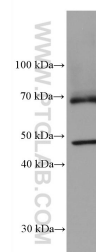
E: proteintech@ptglab.com
W: ptglab.com

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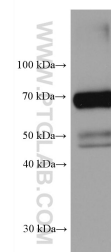
Ausgewählte Validierungsdaten



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.