

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ACSL4/FACL4



Numéro de catalogue: 22401-1-AP

Phare

70 Publications

Informations de base

Numéro de catalogue:

22401-1-AP

Taille:

150ul, Concentration: 750 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG18085

Numéro d'acquisition GenBank:

BC034959

Identification du gène (NCBI):

2182

Nom complet:

acyl-CoA synthetase long-chain family member 4

MW calculé

711 aa, 79 kDa

MW observés:

79 kDa, 74 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:12000

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

IHC 1:20-1:200

Applications

Applications testées:

IHC, IP, WB, ELISA

Demandes citées:

CoIP, IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, porc, rat, souris

Contrôles positifs:

WB: cellules HEK-293, cellules COLO 320, cellules HeLa, cellules HepG2, cellules NIH/3T3

IP: cellules COLO 320,

IHC: tissu placentaire humain,

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.

Informations générales

Acyl-CoA synthetase long-chain family member 4 (Acsl4), an important enzyme involved in lipid metabolism, participates in ferroptosis by converting free AA into arachidonoyl-CoA to generate lipid hydroperoxides. Recent studies revealed that ACSL4 is involved in biological responses including inflammation, steroidogenesis, cell death, female fertility, and cancer. Acsl4 has two isoforms: 79 kDa and 75 kDa. ACSL4 also can be detected in 70 kDa (PMID:35326233).

Publications notables

Autrice	Pubmed ID	Journal	Application
Yanan Zhao	36166594	J Agric Food Chem	WB
Mahmood Hassan Dalhat	36149760	Clin Transl Med	WB
Shiao Tong	36156371	Transl Oncol	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.**

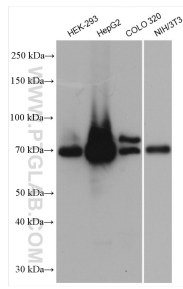
For technical support and original validation data for this product please contact:

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

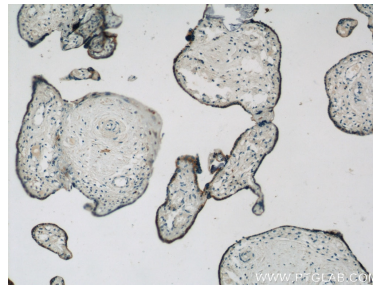
E: proteintech@ptglab.com
W: ptglab.com

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

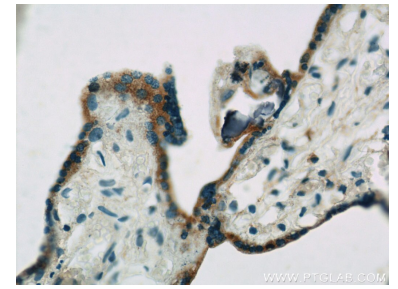
Données de validation sélectionnées



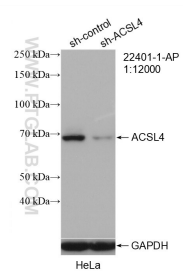
Various lysates were subjected to SDS PAGE followed by western blot with 22401-1-AP (ACSL4/FACL4 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



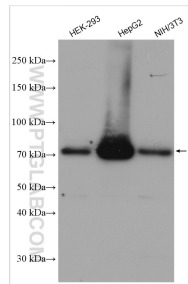
Immunohistochemical analysis of paraffin-embedded human placenta slide using 22401-1-AP (ACSL4/FACL4 antibody at dilution of 1:50.



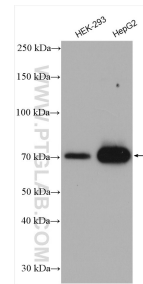
Immunohistochemical analysis of paraffin-embedded human placenta slide using 22401-1-AP (ACSL4/FACL4 antibody at dilution of 1:50.



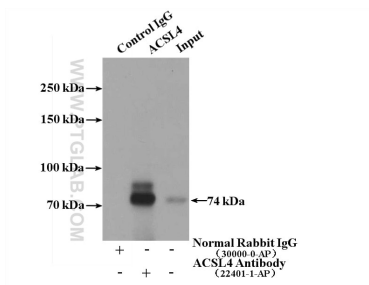
WB result of ACSL4/FACL4 antibody (22401-1-AP; 1:12000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ACSL4/FACL4 transfected HeLa cells.



Various lysates were subjected to SDS PAGE followed by western blot with 22401-1-AP (ACSL4/FACL4 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 22401-1-AP (ACSL4/FACL4 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



IP Result of anti-ACSL4/FACL4 (IP:22401-1-AP, 4ug; Detection:22401-1-AP 1:1000) with COLO 320 cells lysate 2000ug.