

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-ACSL5



Numéro de catalogue: 15708-1-AP

13 Publications

## Informations de base

Numéro de catalogue:

15708-1-AP

Taille:

150ul, Concentration: 350 µg/ml by Nanodrop and 153 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG8258

Numéro d'acquisition GenBank:

BC007985

Identification du gène (NCBI):

51703

Nom complet:

acyl-CoA synthetase long-chain family member 5

MW calculé

76 kDa

MW observés:

66-70 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

## Applications

Applications testées:

IP, WB, ELISA

Demandes citées:

IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : tissu hépatique de souris, rat liver tissue

IP : tissu cérébral de souris,

## Informations générales

Acyl-CoA synthetase 5, a member of the ACSL gene family that catalyzes the activation of long-chain fatty acids for lipid biosynthesis, is the only ACSL isoform that is both, located on mitochondria and functionally involved in enterocyte apoptosis. ACSL5 could play a role in promoting fatty acid-induced lipoapoptosis in hepatocytes as important mechanism in fatty liver-related disorders (PMID:20470896). ACSL5 is most abundant in liver, brown adipose tissue, and intestine and is located on both the mitochondrial membrane and endoplasmic reticulum (PMID:20798351). It has 3 isoforms produced by alternative splicing.

## Publications notables

| Autrice         | Pubmed ID | Journal    | Application |
|-----------------|-----------|------------|-------------|
| He Li           | 36281450  | iScience   | WB,IP       |
| Terytty Yang Li | 29765047  | Nat Commun | WB          |
| Yuan Qu         | 30463708  | J Surg Res | 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.

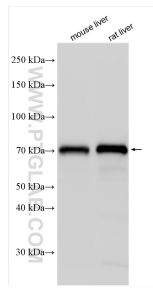
For technical support and original validation data for this product please contact:

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

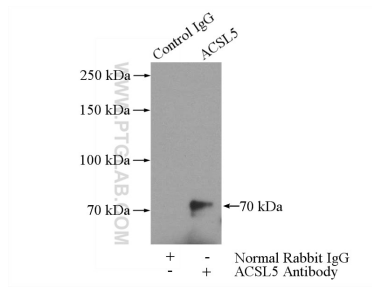
E: proteintech@ptglab.com  
W: ptglab.com

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 15708-1-AP (ACSL5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-ACSL5 (IP:15708-1-AP, 4ug; Detection:15708-1-AP 1:600) with mouse brain tissue lysate 4000ug.