

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-ACSS2



Numéro de catalogue: 16087-1-AP

Phare

9 Publications

## Informations de base

Numéro de catalogue:  
16087-1-AP

Taille:  
150ul, Concentration: 500 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG9121

Numéro d'acquisition GenBank:  
BC010141

Identification du gène (NCBI):  
55902

Nom complet:  
acyl-CoA synthetase short-chain family member 2

MW calculé:  
701 aa, 79 kDa

MW observés:  
79 kDa

Méthode de purification:  
Purification par affinité contre l'antigène

Dilutions recommandées:  
WB 1:1000-1:6000  
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB  
IHC 1:50-1:500

## Applications

Applications testées:  
IHC, IP, WB, ELISA

Demandes citées:  
IF, IHC, WB

Spécificité de l'espèce:  
Humain, rat, souris

Espèces citées:  
Humain, rat, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

Contrôles positifs:

WB : cellules HEK-293, cellules HepG2, tissu cérébral de souris, tissu hépatique de rat, tissu hépatique de souris

IP : cellules HepG2,

IHC : tissu cérébral humain,

## Informations générales

Acetyl-CoA Synthetase 2 (ACSS2) is also named as acyl-CoA synthetase short-chain family member 2. Acetyl-CoA Synthetase 2 (ACSS2) is responsible for lipogenesis by synthesizing acetyl-CoA from acetate for lipogenesis and promotes acetylation in nuclear (PMID: 29444517). It is also required for cell migration and invasion in renal cell carcinoma (RCC) through the promotion of autophagy (PMID: 29281714). ACSS2 has two isoforms with the molecular weight of 78 and 80 kDa.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Tao Chen	36438486	Theranostics	WB,IHC
Krishna B Singh	36251722	Cancer Prev Res (Phila)	WB,IHC,IF
Jingfei Zhang	36290717	Antioxidants (Basel)	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.

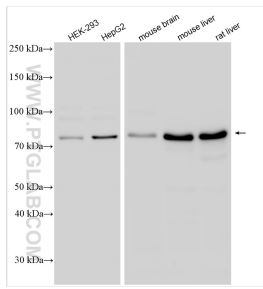
For technical support and original validation data for this product please contact:

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

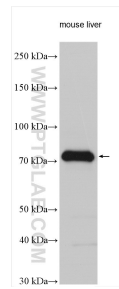
E: proteintech@ptglab.com  
W: ptglab.com

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

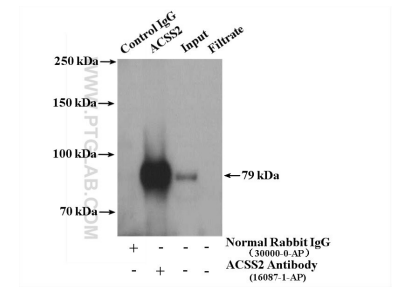
## Données de validation sélectionnées



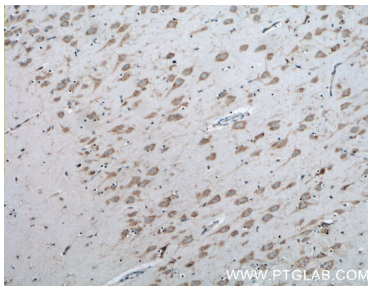
Various lysates were subjected to SDS PAGE followed by western blot with 16087-1-AP (ACSS2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



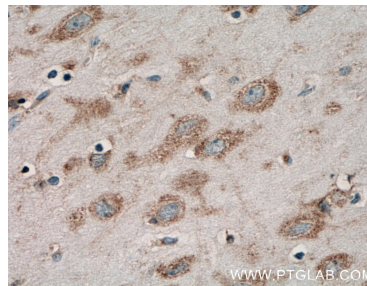
Various lysates were subjected to SDS PAGE followed by western blot with 16087-1-AP (ACSS2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



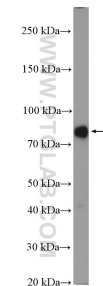
IP result of anti-Acetyl CoA synthetase (IP:16087-1-AP, 4 $\mu$ g; Detection:16087-1-AP 1:500) with HepG2 cells lysate 5600  $\mu$ g.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 16087-1-AP (ACSS2 antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 16087-1-AP (ACSS2 synthetase antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



mouse liver tissue were subjected to SDS PAGE followed by western blot with 16087-1-AP (ACSS2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.