

Nur für Forschungszwecke

Acetyl CoA synthetase Polyklonaler Antikörper



Katalog-Nr.:16087-1-AP

Vorgestelltes Produkt

9 Publikationen

Allgemeine Informationen

Katalog-Nr.:
16087-1-AP

Größe:
150ul , Konzentration: 500 µg/ml von Nanodrop und 300 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG9121

GenBank-Zugangsnummer:
BC010141

GeneID (NCBI):
55902

Vollständiger Name:
acyl-CoA synthetase short-chain family member 2

Berechnete Masse:
701 aa, 79 kDa

Beobachtete Masse:
79 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:1000-1:6000

IP 0.5-4.0 ug für IP und 1:500-1:1000

für WB

IHC 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : HEK-293-Zellen, HepG2-Zellen, Maushirngewebe, Mausebergewebe, Rattenlebergewebe

IP : HepG2-Zellen,

IHC : humanes Hirngewebe,

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

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

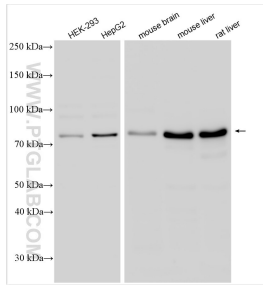
For technical support and original validation data for this product please contact:

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

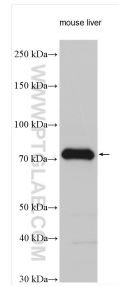
E: proteintech@ptglab.com
W: ptglab.com

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

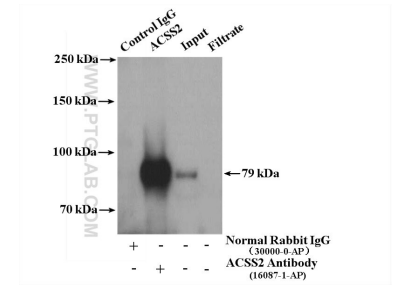
Ausgewählte Validierungsdaten



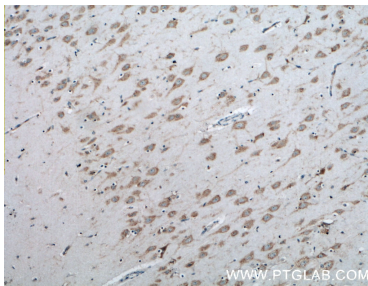
Various lysates were subjected to SDS PAGE followed by western blot with 16087-1-AP (Acetyl CoA synthetase antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



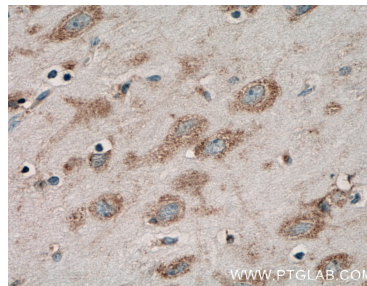
Various lysates were subjected to SDS PAGE followed by western blot with 16087-1-AP (Acetyl CoA synthetase antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



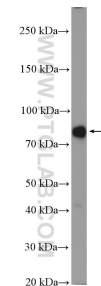
IP result of anti-Acetyl CoA synthetase (IP:16087-1-AP, 4 μ g; Detection:16087-1-AP 1:500) with HepG2 cells lysate 5600 μ g.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 16087-1-AP (Acetyl CoA synthetase 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 (Acetyl CoA 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 (Acetyl CoA synthetase antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.