

Nur für Forschungszwecke

ACSL3 Polyklonaler Antikörper

Katalog-Nr.: 20710-1-AP

Vorgestelltes Produkt

9 Publikationen



Allgemeine Informationen

Katalog-Nr.: 20710-1-AP	GenBank-Zugangsnummer: NM_004457	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 750 µg/ml von Nanodrop;	GeneID (NCBI): 2181	Empfohlene Verdünnungen: WB 1:2000-1:12000
Wirt: Kaninchen	Vollständiger Name: acyl-CoA synthetase long-chain family member 3	
Isotyp: IgG	Berechnete Masse: 80 kDa	
	Beobachtete Masse: 70-80 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : HEK-293-Zellen, HuH-7-Zellen, LNCaP-Zellen
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human, Maus	
Zitierte Arten: Human, Maus	

Hintergrundinformationen

ACSL3, also named as ACS3, FACL3 and LACS3, belongs to the ATP-dependent AMP-binding enzyme family. Acyl-CoA synthetases (ACSL) activate long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. ACSL3 mediates hepatic lipogenesis. Preferentially uses myristate, laurate, arachidonate and eicosapentaenoate as substrates. Has mainly an anabolic role in energy metabolism. Required for the incorporation of fatty acids into phosphatidylcholine, the major phospholipid located on the surface of VLDL (very low density lipoproteins). The antibody is specific to ACSL3.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Mahmood Hassan Dalhat	36149760	Clin Transl Med	WB
Xiangjun Cheng	33222186	J Appl Toxicol	WB
Yingmei Luo	33221320	Chem Biol Interact	WB

Lagerung

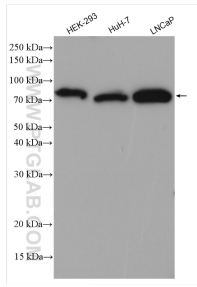
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

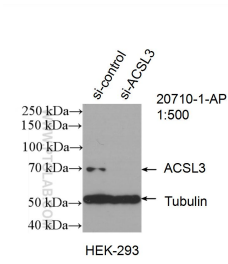
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

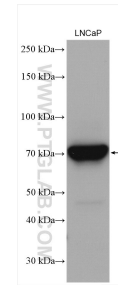
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 20710-1-AP (ACSL3 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



WB result of ACSL3 antibody (20710-1-AP; 1:500; incubated at room temperature for 1.5 hours) with sh-Control and sh-ACSL3 transfected HEK-293 cells.



LNCaP cells were subjected to SDS PAGE followed by western blot with 20710-1-AP (ACSL3 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.