

Nur für Forschungszwecke

HMGC51 Polyklonaler Antikörper

Katalog-Nr.:17643-1-AP

Vorgestelltes Produkt

26 Publikationen



Allgemeine Informationen

Katalog-Nr.:

17643-1-AP

Größe:

150ul , Konzentration: 350 µg/ml von Nanodrop;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG11825

GenBank-Zugangsnummer:

BC083514

GeneID (NCBI):

3157

Vollständiger Name:

3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 (soluble)

Berechnete Masse:

520 aa, 57 kDa

Beobachtete Masse:

57 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000

IP 0.5-4.0 µg für IP und 1:500-1:2000 für WB

IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:

IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

CoIP, IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

Positivkontrollen:

WB : A431-Zellen, A549-Zellen, HepG2-Zellen, LNCaP-Zellen, Mauslebergewebe

IP : Mauslebergewebe,

IF : HepG2-Zellen,

Hintergrundinformationen

HMGC51(Hydroxymethylglutaryl-CoA synthase, cytoplasmic) is also named as HMGC5 and belongs to the HMG-CoA synthase family. The gene encodes a 520 amino acid protein which catalyzes the condensation of acetyl-CoA and acetoacetyl-CoA into 3-hydroxy-3-methylglutaryl CoA and participates in the mevalonate pathway but its end product is cholesterol(PMID:20346956). The human and hamster enzymes are distinguished by differential inhibition by magnesium ion(PMID:2870496).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jiang-Yun Peng	36307901	Adv Sci (Weinh)	WB
Feng Zhao	34803510	Int J Biol Sci	WB
Catherine I Real	24513310	Antiviral Res	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

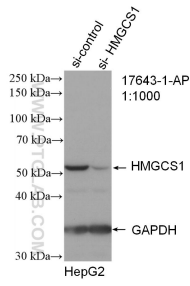
For technical support and original validation data for this product please contact:

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

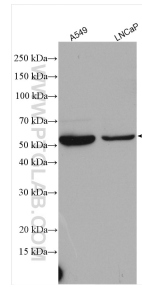
E: proteintech@ptglab.com
W: ptglab.com

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

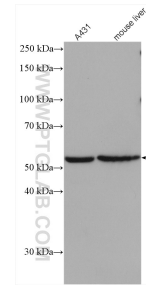
Ausgewählte Validierungsdaten



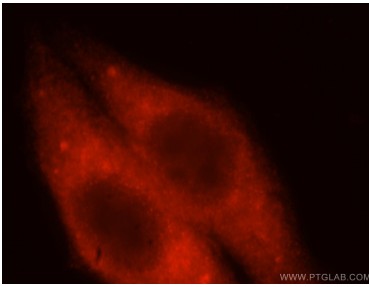
WB result of HMGCS1 antibody (17643-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HMGCS1 transfected HepG2 cells.



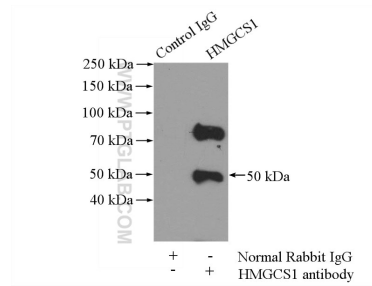
Various lysates were subjected to SDS PAGE followed by western blot with 17643-1-AP (HMGCS1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 17643-1-AP (HMGCS1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using HMGCS1 antibody 17643-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-HMGCS1 (IP:17643-1-AP, 3ug; Detection:17643-1-AP 1:1000) with mouse liver tissue lysate 4000ug.