

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HMGCS1



Numéro de catalogue: 17643-1-AP

Phare

26 Publications

Informations de base

Numéro de catalogue:

17643-1-AP

Taille:

150ul, Concentration: 350 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG11825

Numéro d'acquisition GenBank:

BC083514

Identification du gène (NCBI):

3157

Nom complet:

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

MW calculé

520 aa, 57 kDa

MW observés:

57 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB

IF 1:10-1:100

Applications

Applications testées:

IF, IP, WB, ELISA

Demandes citées:

CoIP, IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : cellules A431, cellules A549, cellules HepG2, cellules LNCaP, tissu hépatique de souris

IP : tissu hépatique de souris,

IF : cellules HepG2,

Informations générales

HMGCS1(Hydroxymethylglutaryl-CoA synthase, cytoplasmic) is also named as HMGCS 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).

Publications notables

Autrice	Pubmed ID	Journal	Application
Jiang-Yun Peng	36307901	Adv Sci (Weinh)	WB
Feng Zhao	34803510	Int J Biol Sci	WB
Catherine I Real	24513310	Antiviral 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'aliqotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

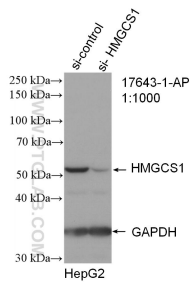
For technical support and original validation data for this product please contact:

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

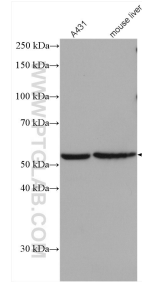
E: proteintech@ptglab.com
W: ptglab.com

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

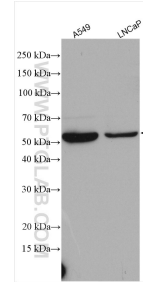
Données de validation sélectionnées



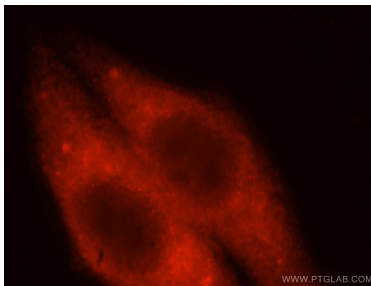
WB result of HMGCS1 antibody (17643-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HMGCS1 transfected HepG2 cells.



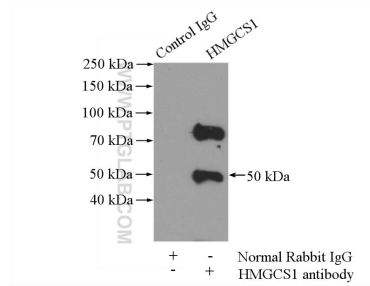
Various lysates were subjected to SDS PAGE followed by western blot with 17643-1-AP (HMGCS1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



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