

À des fins de recherche uniquement

Anticorps Monoclonal anti-ACADM

Numéro de catalogue: 67742-1-Ig



Informations de base

Numéro de catalogue: 67742-1-Ig	Numéro d'acquisition GenBank: BC005377	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop and 449 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 34	CloneNo.: 1A11G6
Hôte: Mouse	Nom complet: acyl-Coenzyme A dehydrogenase, C-4 to C-12 straight chain	Dilutions recommandées: IHC 1:250-1:1000 IF 1:200-1:800
Isotype: IgG1	MW calculé 421 aa, 47 kDa	
Immunogen Catalog Number: AG30620	MW observés: 42 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Spécificité de l'espèce:

Humain, porc, rat

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

Contrôles positifs:

WB : cellules PC-3, cellules HEK-293, cellules HeLa, cellules HepG2, cellules HSC-T6, tissu hépatique de rat

IHC : tissu hépatique humain, tissu cardiaque humain

IF : tissu de cancer du foie humain,

Informations générales

ACADM, also named as MCAD, belongs to the acyl-CoA dehydrogenase family. This enzyme is specific for acyl chain lengths of 4 to 16. It catalyzes the reaction: Acyl-CoA + acceptor = 2,3-dehydroacyl-CoA + reduced acceptor. Defects in ACADM are the cause of medium-chain acyl-CoA dehydrogenase deficiency (MCAD deficiency). This protein can exist as a dimer (PMID:8962055). This antibody is specific to ACADM.

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.

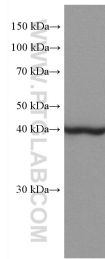
For technical support and original validation data for this product please contact:

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

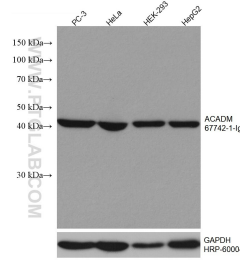
E: proteintech@ptglab.com
W: ptglab.com

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

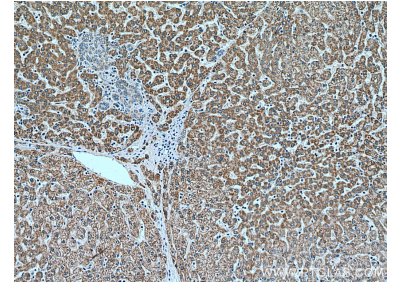
Données de validation sélectionnées



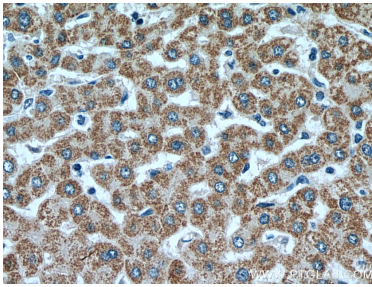
rat liver tissue were subjected to SDS PAGE followed by western blot with 67742-1-Ig (ACADM antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



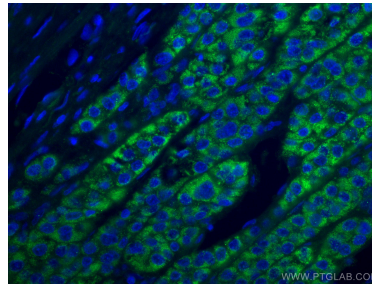
Various lysates were subjected to SDS PAGE followed by western blot with 67742-1-Ig (ACADM antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



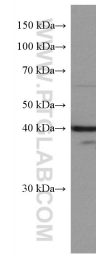
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 67742-1-Ig (ACADM antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 67742-1-Ig (ACADM antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using ACADM antibody (67742-1-Ig, Clone: 1A11G6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



HSC-T6 cells were subjected to SDS PAGE followed by western blot with 67742-1-Ig (ACADM antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.