

À des fins de recherche uniquement

Anticorps Monoclonal anti-ABHD5

Numéro de catalogue: 67779-1-Ig



Informations de base

Numéro de catalogue: 67779-1-Ig	Numéro d'acquisition GenBank: BC021958	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop and 512 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 51099	CloneNo.: 2B12C2
Hôte: Mouse	Nom complet: abhydrolase domain containing 5	Dilutions recommandées: WB 1:1000-1:6000 IF 1:200-1:800
Isotype: IgG2b	MW calculé: 349 aa, 39 kDa	
Immunogen Catalog Number: AG30256	MW observés: 39 kDa	

Applications

Applications testées:
IF, WB, ELISA

Spécificité de l'espèce:
Humain

Contrôles positifs:

WB : cellules LNCaP, cellules HEK-293, cellules HeLa, cellules HepG2, cellules Jurkat, cellules K-562, cellules Raji, cellules THP-1

IF : cellules HepG2,

Informations générales

ABHD5, also named as NCIE2 and CGI-58, belongs to the peptidase S33 family. ABHD4/ABHD5 subfamily. It is a Lysophosphatidic acid acyltransferase which functions in phosphatidic acid biosynthesis. ABHD5 may regulate the cellular storage of triacylglycerol through activation of the phospholipase PNPLA2. It is involved in keratinocyte differentiation. ABHD5 is an evolutionarily conserved protein that acts as a potent activator of Atgl. Abhd5 is expressed in several tissues that lack Plin , raising the possibility that this co-activator might interact with additional PAT proteins. Abhd5 and Mldp are highly colocalized on individual lipid droplets.(PMID:19064991) Defects in ABHD5 are the cause of Chanarin-Dorfman syndrome (CDS).

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.**

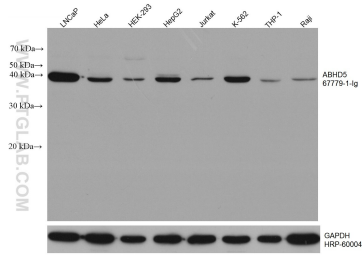
For technical support and original validation data for this product please contact:

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

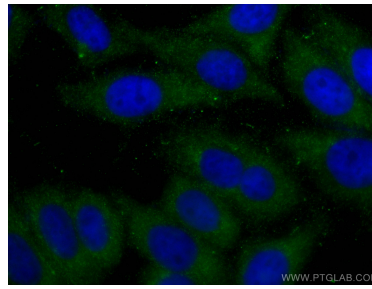
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 67779-1-Ig (ABHD5 antibody) at dilution of 1:3000 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.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using ABHD5 antibody (67779-1-Ig, Clone: 2B12C2) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).