

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-NPC2



Numéro de catalogue: 19888-1-AP

6 Publications

Informations de base

Numéro de catalogue:

19888-1-AP

Taille:

150ul, Concentration: 550 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG13719

Numéro d'acquisition GenBank:

BC002532

Identification du gène (NCBI):

10577

Nom complet:

Niemann-Pick disease, type C2

MW calculé

151 aa, 17 kDa

MW observés:

17-21 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:6000

IHC 1:50-1:500

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain

Contrôles positifs:

WB : cellules HepG2, cellules HT-1080, tissu pulmonaire de souris, tissu rénal de souris

IHC : tissu hépatique humain,

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.

Informations générales

Niemann-Pick Type C (NPC) disease is a lysosomal storage disorder characterized by accumulation of unesterified cholesterol and other lipids in the endolysosomal system. NPC disease results from a defect in either of two distinct cholesterol-binding proteins: a transmembrane protein, NPC1, and a small soluble protein, NPC2. NPC1 or NPC2 deficiency models showed that the function of these two proteins within lysosomes are linked closely. NPC2 is also named human epididymis-specific protein 1 (HE1), defects of which are the cause of Niemann-Pick disease type C2, characterized as a lysosomal storage disorder that affects the viscera and the central nervous system. Recent finding suggests that NPC2 may serve as a novel intracrine/autocrine factor that controls adipocyte differentiation and function as well as potential therapeutic target for the treatment of type 2 diabetes and related metabolic disorders.

Publications notables

Autrice	Pubmed ID	Journal	Application
Rong Zhang	27383988	Nature	WB
Dongke Xu	35908039	Nat Commun	WB
Yunkai Zhu	33574281	Nat Commun	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azote de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquote n'est pas nécessaire pour le stockage à -20C

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

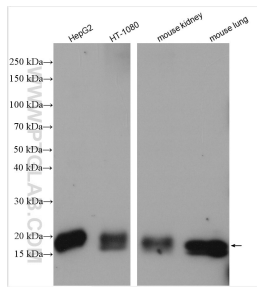
For technical support and original validation data for this product please contact:

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

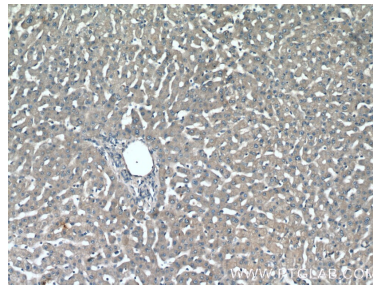
E: proteintech@ptglab.com
W: ptglab.com

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

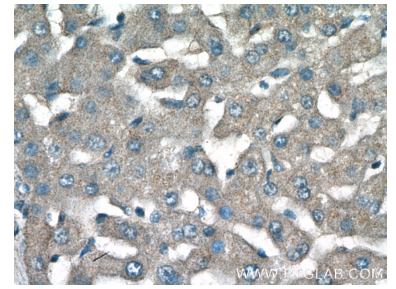
Données de validation sélectionnées



HepG2 cells were subjected to SDS PAGE followed by western blot with 19888-1-AP (NPC2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 19888-1-AP (NPC2 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 19888-1-AP (NPC2 Antibody) at dilution of 1:200 (under 40x lens).