

NPC2 Polyklonaler Antikörper

Katalog-Nr.: 19888-1-AP

5 Publikationen

Allgemeine Informationen

Katalog-Nr.: 19888-1-AP	GenBank-Zugangsnummer: BC002532	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 550 µg/ml von Nanodrop;	GeneID (NCBI): 10577	Empfohlene Verdünnungen: WB 1:1000-1:6000 IHC 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: Niemann-Pick disease, type C2	
Isotyp: IgG	Berechnete Masse: 151 aa, 17 kDa	
Immunogen Katalognummer: AG13719	Beobachtete Masse: 17-21 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen: WB : HepG2-Zellen, HT-1080.Zellen, Mauslungengewebe, Mausnierengewebe IHC : humanes Lebergewebe,
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human, Maus	
Zitierte Arten: Human	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

Lagerung

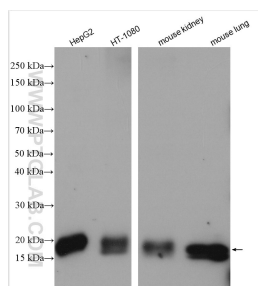
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

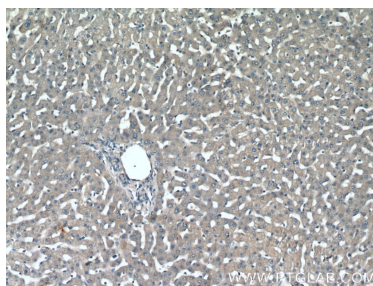
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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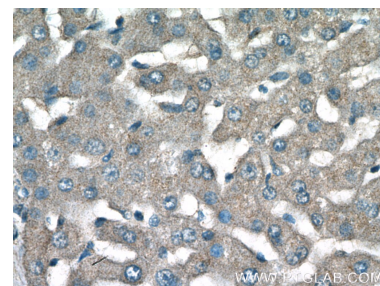
Ausgewählte Validierungsdaten



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).