

Perilipin 1 Polyklonaler Antikörper

Katalog-Nr.: 27716-1-AP

Allgemeine Informationen

Katalog-Nr.: 27716-1-AP	GenBank-Zugangsnummer: NM_001145311	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 450 µg/ml von Nanodrop;	GeneID (NCBI): 5346	Empfohlene Verdünnungen: WB 1:1000-1:6000 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: perilipin	
Isotyp: IgG	Berechnete Masse: 56 kDa	
Immunogen Katalognummer: AG26426	Beobachtete Masse: 62-67 kDa	

Anwendungen

Geprüfte Anwendungen: IF, WB, ELISA	Positivkontrollen: WB : MCF-7-Zellen, 3T3-L1-Zellen, Mauslebergewebe, NIH/3T3-Zellen
Getestete Reaktivität: Human, Maus	IF : braunes Mausfettgewebe,

Hintergrundinformationen

PLIN1, also known as Perilipin 1, PLIN, PERI, belongs to the perilipin family. PLIN1 is a hormonally-regulated phosphoprotein that encircles the lipid storage droplet in adipocytes and is a modulator of adipocyte lipid metabolism (PMID: 2040638). PLIN1 is the major cAMP-dependent protein kinase substrate in adipocytes and, when unphosphorylated, may play a role in the inhibition of lipolysis. PLIN1 is detected in adipocytes of white adipose tissue, visceral adipose tissue and mammary gland (PMID: 27832861, 9521880). The deficiency of PLIN1 causes lipodystrophic syndromes, which disables the optimal accumulation of triglycerides in adipocytes that derives in an abnormal deposition of lipids in tissues such as skeletal muscle and liver. The storage of lipids in the liver leads to insulin resistance and hypertriglyceridemia (PMID: 21345103).

Lagerung

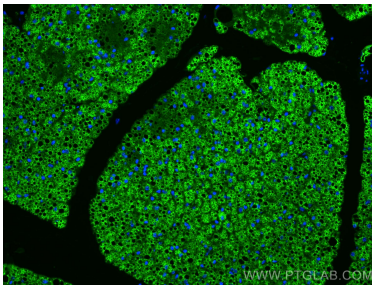
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

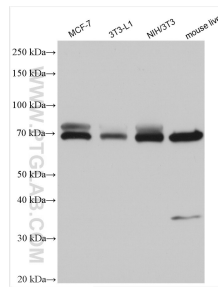
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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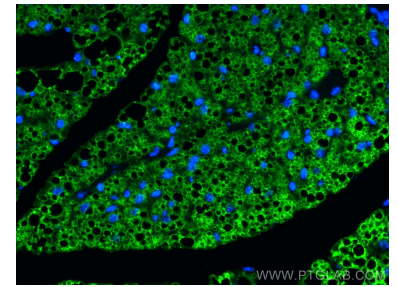
Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed mouse brown adipose tissue using PLIN1 antibody (27716-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 27716-1-AP (PLIN1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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