

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Perilipin 1



Numéro de catalogue: 27716-1-AP

Informations de base

Numéro de catalogue:

27716-1-AP

Taille:

150ul, Concentration: 450 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG26426

Numéro d'acquisition GenBank:

NM_001145311

Identification du gène (NCBI):

5346

Nom complet:

perilipin

MW calculé

56 kDa

MW observés:

62-67 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:8000

IF 1:50-1:500

Applications

Applications testées:

IF, WB, ELISA

Spécificité de l'espèce:

Humain, souris

Contrôles positifs:

WB : cellules 3T3-L1, cellules MCF-7, cellules NIH/3T3, tissu hépatique de souris

IF : tissu adipeux brun de souris,

Informations générales

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).

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

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

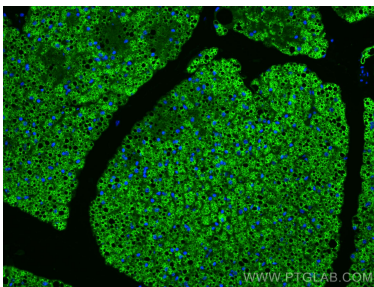
For technical support and original validation data for this product please contact:

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

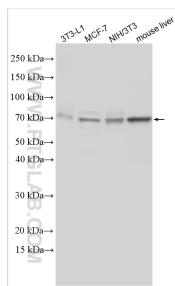
E: proteintech@ptglab.com
W: ptglab.com

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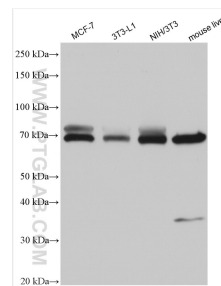
Données de validation sélectionnées



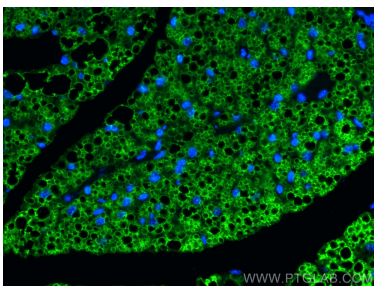
Immunofluorescent analysis of (4% PFA) fixed mouse brown adipose tissue using PLIN1 antibody (27716-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 27716-1-AP (Perilipin 1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



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.



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).