

Nur für Forschungszwecke

ADRP/Perilipin 2 Polyklonaler Antikörper



Katalog-Nr.:15294-1-AP

Vorgestelltes Produkt

88 Publikationen

Allgemeine Informationen

Katalog-Nr.: 15294-1-AP	GenBank-Zugangsnummer: BC005127	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 1000 µg/ml von123 Nanodrop;	GeneID (NCBI): Vollständiger Name: adipose differentiation-related protein	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:200-1:8000 IF 1:50-1:500
Wirt: Kaninchen	Berechnete Masse: 48 kDa	
Isotyp: IgG	Beobachtete Masse: 45-48 kDa	
Immunogen Katalognummer: AG7539		

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

CoIP, IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Affe, Hausschwein, Human, Hund, Maus, Ratte, Rind, Zebrafisch

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : 3T3-L1-Zellen, K-562-Zellen, Mauslebergewebe, NIH/3T3-Zellen, Rattenlebergewebe

IHC : humanes Leberkarzinomgewebe, humanes Kolonkarzinomgewebe, humanes Lebergewebe, humanes Nierenzellkarzinomgewebe, humanes Prostatakarzinomgewebe, Mauslebergewebe

IF : mit Ölsäure behandelte HepG2-Zellen, mit Ölsäure behandelte HeLa-Zellen

Hintergrundinformationen

ADRP (adipocyte differentiation related protein) also known as ADFP, adipophilin, or perilipin-2, is a member of PAT family which is responsible for the transportation of lipids and the formation of lipid droplets. ADRP is localized on the surface of lipid droplets in a variety of tissues and cell lines. ADRP is not detected in undifferentiated cells but increases rapidly to high levels when adipocyte precursors differentiate into adipocytes. Anti-ADRP antibody is a reliable and sensitive marker for lipid droplet. Enhanced expression of ADRP is linked to diseases with abnormal lipid storage, including hepatic steatosis, atherosclerosis and diabetes. Immunohistochemistry of ADRP may facilitate histomorphological diagnosis of these diseases.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Karuna Irungbam	31570772	Lab Invest	WB,IHC,IF
Binbin Zhou	36169888	Mol Neurobiol	WB
Qi Xue Huang	36175227	J Dairy Sci	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

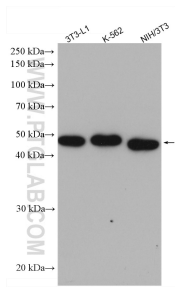
For technical support and original validation data for this product please contact:

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

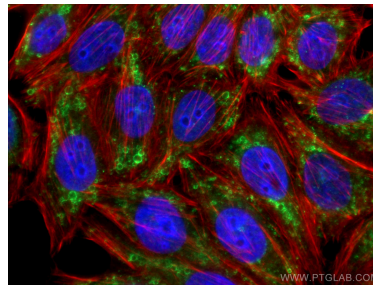
E: proteintech@ptglab.com
W: ptglab.com

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

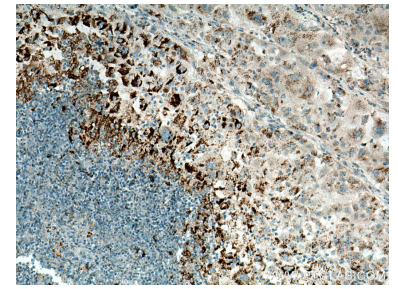
Ausgewählte Validierungsdaten



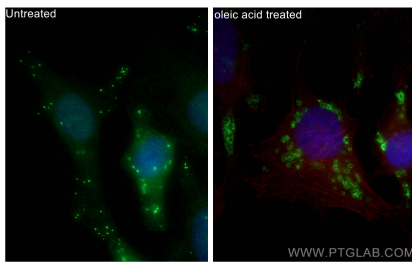
Various lysates were subjected to SDS PAGE followed by western blot with 15294-1-AP (ADRP/Perilipin 2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



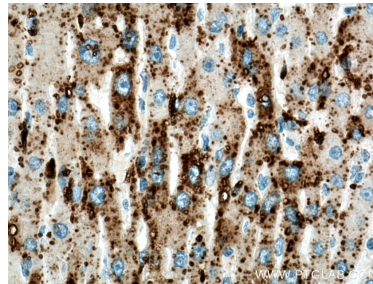
Immunofluorescent analysis of (-20°C Ethanol) fixed oleic acid treated HepG2 cells using 15294-1-AP (ADRP/Perilipin 2 antibody) at dilution of 1:200 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Red: CL594-phalloidin staining of F-actin.



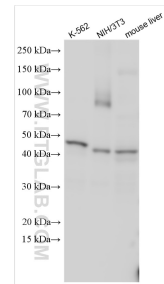
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15294-1-AP (ADRP/Perilipin 2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



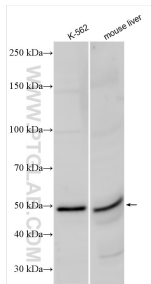
Immunofluorescent analysis of (-20°C Ethanol) fixed oleic acid treated HeLa cells using ADRP/Perilipin 2 antibody (15294-1-AP) at dilution of 1:4000 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidine (red).



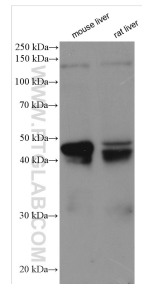
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15294-1-AP (ADRP/Perilipin 2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



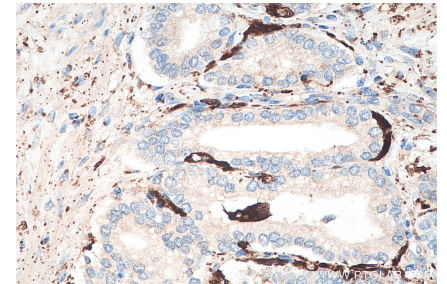
Various lysates were subjected to SDS PAGE followed by western blot with 15294-1-AP (ADRP/Perilipin 2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



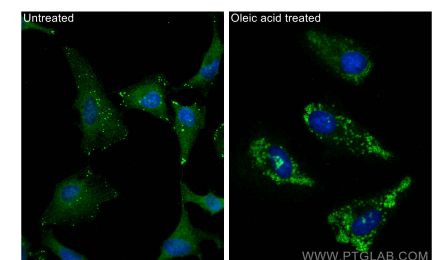
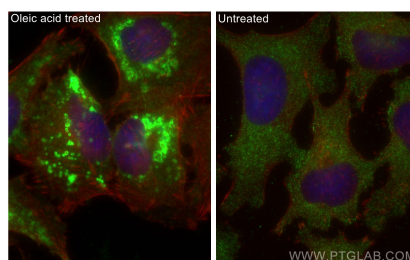
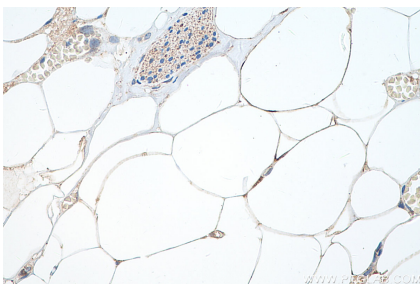
Various lysates were subjected to SDS PAGE followed by western blot with 15294-1-AP (ADRP/Perilipin 2 antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



mouse liver tissue were subjected to SDS PAGE followed by western blot with 15294-1-AP (ADRP/Perilipin 2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 15294-1-AP (ADRP/Perilipin 2 antibody) at dilution of 1:16000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 15294-1-AP (ADRP/Perilipin 2 antibody) at dilution of 1:16000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

Immunofluorescent analysis of (-20°C Ethanol) fixed oleic acid treated HeLa cells using ADRP/Perilipin 2 antibody (15294-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).

Immunofluorescent analysis of (-20°C Ethanol) fixed oleic acid treated HeLa cells using ADRP/Perilipin 2 antibody (15294-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).