

For Research Use Only

CoraLite®594-conjugated ADRP/Perilipin 2 Polyclonal antibody



Catalog Number: CL594-15294

Featured Product

Basic Information

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|---|---|---|
| Catalog Number: CL594-15294 | GenBank Accession Number: BC005127 | Purification Method: Antigen affinity purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 123 | Recommended Dilutions: IF 1:200-1:800 |
| Source: Rabbit | Full Name: adipose differentiation-related protein | Excitation/Emission maxima wavelengths: 593 nm / 614 nm |
| Isotype: IgG | Calculated MW: 48 kDa | |
| Immunogen Catalog Number: AG7539 | Observed MW: 45-48 kDa | |

Applications

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| Tested Applications: IF | Positive Controls: IF : oleic acid treated HeLa cells, |
| Species Specificity: human, mouse, rat | |

Background Information

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.

Storage

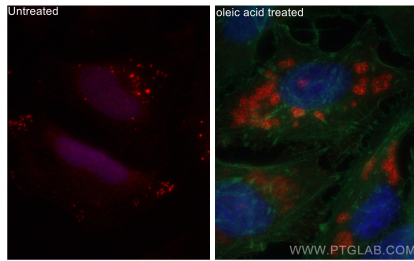
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 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.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed oleic acid treated HeLa cells using CoraLite®594 ADRP/Perilipin 2 antibody (CL594-15294) at dilution of 1:400, CL488-Phalloidine (green).