

For Research Use Only



# CoraLite®488-conjugated ADRP/Perilipin 2 Polyclonal antibody

Catalog Number: ~~CL488-15294~~

Featured Product

## Basic Information

Catalog Number:  
CL488-15294

Size:  
100ul , Concentration: 1000 µg/ml by  
Nanodrop;

Source:  
Rabbit

Isotype:  
IgG

Immunogen Catalog Number:  
AG7539

GenBank Accession Number:  
BC005127

GeneID (NCBI):  
123

Full Name:  
adipose differentiation-related  
protein

Calculated MW:  
48 kDa

Observed MW:  
45-48 kDa

Purification Method:  
Antigen affinity purification

Recommended Dilutions:  
IF 1:50-1:500

Excitation/Emission maxima  
wavelengths:  
488 nm/515 nm

## Applications

Tested Applications:  
IF

Species Specificity:  
human, mouse, rat

Positive Controls:

IF : oleic acid treated HeLa cells,

## 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.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

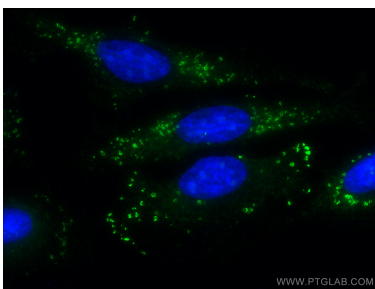
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed oleic acid treated HeLa cells using CoraLite®488 ADRP/Perilipin 2 antibody (CL488-15294) at dilution of 1:200.