

For Research Use Only



# CoraLite®594-conjugated ADRP/Perilipin 2 Polyclonal antibody

Catalog Number: ~~CL594-15294~~

Featured Product

## Basic Information

<b>Catalog Number:</b> CL594-15294	<b>GenBank Accession Number:</b> BC005127	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 123	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> adipose differentiation-related protein	<b>Excitation/Emission maxima wavelengths:</b> 593 nm/614 nm
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 48 kDa	
<b>Immunogen Catalog Number:</b> AG7539	<b>Observed MW:</b> 45-48 kDa	

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : oleic acid treated HeLa cells,
<b>Species Specificity:</b> 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.

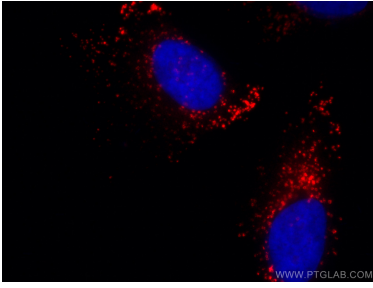
## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light.  
**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®594 ADRP/Perilipin 2 antibody (CL594-15294) at dilution of 1:200.