

For Research Use Only

# ADRP Recombinant antibody

Catalog Number: 80362-3-RR



## Basic Information

<b>Catalog Number:</b> 80362-3-RR	<b>GenBank Accession Number:</b> BC005127	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 800 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 123	<b>CloneNo.:</b> 230274D9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q99541	<b>Recommended Dilutions:</b> WB 1:2000-1:16000
<b>Isotype:</b> IgG	<b>Full Name:</b> adipose differentiation-related protein	
<b>Immunogen Catalog Number:</b> AG7539	<b>Calculated MW:</b> 48 kDa	
	<b>Observed MW:</b> 48 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : THP-1 cells, K-562 cells, U2OS cells
<b>Species Specificity:</b> Human	

## 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

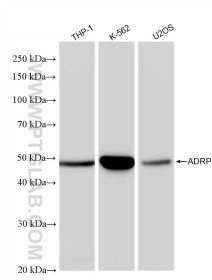
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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



Various lysates were subjected to SDS PAGE followed by western blot with 80362-3-RR (ADRP antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.