

Datasheet for ABIN7269220

anti-ADRP antibody

5 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	ADRP (PLIN2)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This ADRP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Perilipin-2 Rabbit mAb
Immunogen:	Recombinant protein of human Perilipin-2.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	ADRP (PLIN2)
Alternative Name:	Perilipin-2 (PLIN2 Products)
Background:	The protein encoded by this gene belongs to the perilipin family, members of which coat

Target Details

intracellular lipid storage droplets. This protein is associated with the lipid globule surface membrane material, and maybe involved in development and maintenance of adipose tissue. However, it is not restricted to adipocytes as previously thought, but is found in a wide range of cultured cell lines, including fibroblasts, endothelial and epithelial cells, and tissues, such as lactating mammary gland, adrenal cortex, Sertoli and Leydig cells, and hepatocytes in alcoholic liver cirrhosis, suggesting that it may serve as a marker of lipid accumulation in diverse cell types and diseases. Alternatively spliced transcript variants have been found for this gene.,PLIN2,ADFP,ADRP,Cancer,Signal Transduction,Endocrine & Metabolism,Lipid Metabolism,Cardiovascular,Hypoxia,Hypoxia-Regulated,Heart,Lipids,Adipose Related,Cardiovascular diseases,Heart disease,Perilipin-2

Molecular Weight: 48kDa

Gene ID: 123

UniProt: [Q99541](#)

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#), [Lipid Metabolism](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

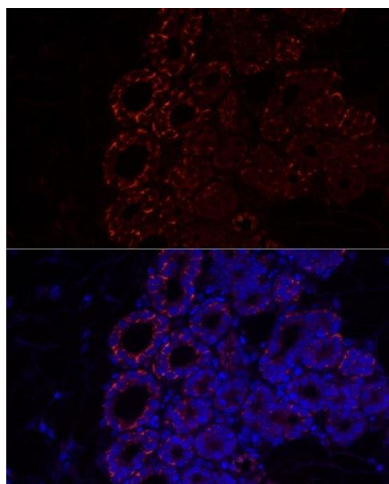
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

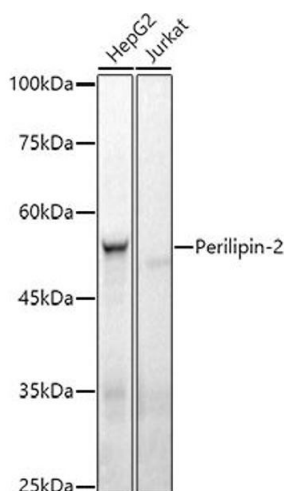
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



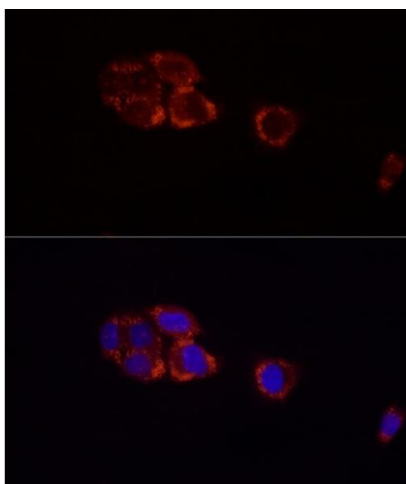
Immunofluorescence

Image 1. Immunofluorescence analysis of Mouse brown adipose using Perilipin-2 antibody (ABIN7269220) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using Perilipin-2 antibody (ABIN7269220) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



Immunofluorescence

Image 3. Immunofluorescence analysis of HepG2 cells using Perilipin-2 antibody (ABIN7269220) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7269220.