

A20843

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Perilipin-2 Rabbit mAb

Catalog No.: A20843

Recombinant

Basic Information

Observed MW

52kDa

Calculated MW

48kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB, IHC-P, IF/ICC, ELISA

Cross-Reactivity

Human

CloneNo number

ARC51733

Background

The protein encoded by this gene belongs to the perilipin family, members of which coat 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.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:500 - 1:1000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

123

Swiss Prot

Q99541

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 88-437 of human Perilipin-2 (NP_001113.2).

Synonyms

ADFP; ADRP; Perilipin-2

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

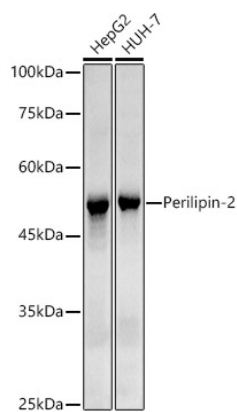
Affinity purification

Storage

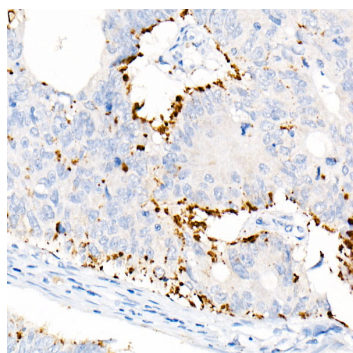
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

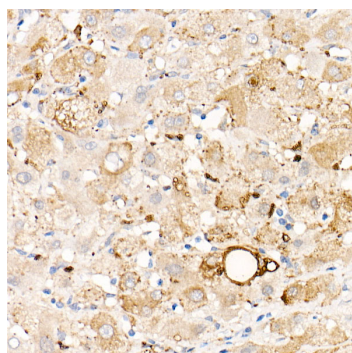
Validation Data



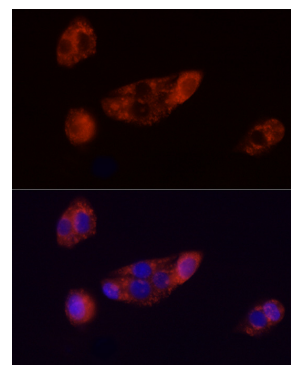
Western blot analysis of various lysates, using Perilipin-2 Rabbit mAb (A20843) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 2s.



Immunohistochemistry analysis of Perilipin-2 in paraffin-embedded human colon carcinoma using Perilipin-2 Rabbit mAb (A20843) at dilution of 1:900 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of Perilipin-2 in paraffin-embedded human liver using Perilipin-2 Rabbit mAb (A20843) at dilution of 1:900 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of Hep G2 cells using Perilipin-2 Rabbit mAb (A20843) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.