

# Perilipin-2 Recombinant antibody

**Cat:**B36118S**Company:** HaoKebio**Uniprot ID:**Q99541**Applications:** IHC:1:50-1:500**Organism:**Rabbit

IHC-Polymer:1:200-1:2000

**Species reactivity:**Human Mouse Rat

IHC-TSA:1:250-1:2500

**Molecular Weight Calculation:** 48 kDa

WB:1:500-1:3000

**Observed Molecular Weight:** 48 kDa

FC:1:200-1:600

**Background:**

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. A 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.

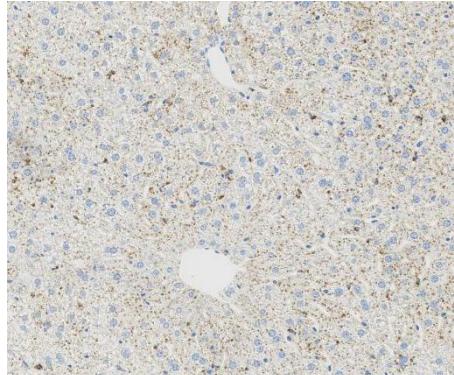
PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

**Storage:**

Store at -20 °C for one year.

**Experimental procedure:**

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

**Images:**

Sample: Mouse liver, 4% PFA 12-24h

**Source of Reagents:**

发表[中文论文]请标注:Perilipin-2(B36118S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:Perilipin-2(B36118S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

**Synonyms:**

230274F4, ADFP, Adipophilin, Adipose differentiation-related protein, ADRP

**Immunogen:**

Recombinant protein

**Isotype:**

IgG

**Subcellular location:**

lipid droplet

**Purity:**

Affinity purification

**Form:**

Liquid

**Storage Buffer:**