

# perilipin-2 Rabbit pAb

Catalog No.: A24464

## Basic Information

### Observed MW

52kDa

### Calculated MW

46kDa

### Category

Primary antibody

### Applications

IHC-P,IF/ICC,ELISA

### Cross-Reactivity

Rat

## Background

Acts upstream of or within lipid storage and long-chain fatty acid transport. Located in several cellular components, including cytosol; lipid droplet; and nucleus. Is expressed in hindlimb tendon and pancreas epithelium. Orthologous to human PLIN2 (perilipin 2).

## Recommended Dilutions

IHC-P 1:50 - 1:200

IF/ICC 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

11520

### Swiss Prot

P43883

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 325-425 of mouse perilipin-2 (NP\_031434.3).

### Synonyms

ADPH; Adfp; Adrp; perilipin-2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

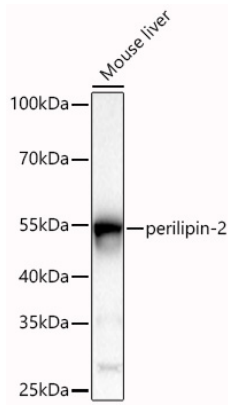
Affinity purification

### Storage

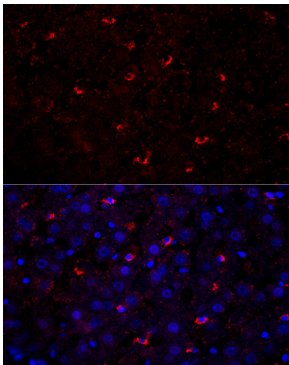
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

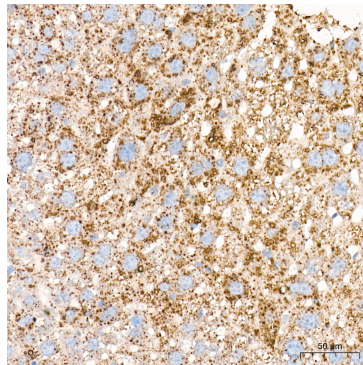
## Validation Data



Western blot analysis of lysates from Mouse liver using perlipin-2 Rabbit pAb (A24464) at 1:5000 dilution incubated overnight at 4°C.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) 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: 30s.



Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol. Immunofluorescence analysis of paraffin-embedded rat liver using perlipin-2 Rabbit pAb (A24464) at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded Rat liver tissue using perlipin-2 Rabbit pAb (A24464) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.