

## Anti-Perilipin A PLIN1 Rabbit Monoclonal Antibody Catalog # ABO14104

### Specification

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#### Anti-Perilipin A PLIN1 Rabbit Monoclonal Antibody - Product Information

Application	WB, IF, ICC
Primary Accession	<a href="#">O60240</a>
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human, Mouse
Clonality	Monoclonal
Format	Liquid

#### Description

Anti-Perilipin A PLIN1 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF applications. This antibody reacts with Human, Mouse.

#### Anti-Perilipin A PLIN1 Rabbit Monoclonal Antibody - Additional Information

**Gene ID** 5346

#### Other Names

Perilipin-1, Lipid droplet-associated protein, PLIN1, PERI, PLIN

#### Calculated MW

55990 MW KDa

#### Application Details

WB 1:1000-1:5000<br>ICC/IF 1:50-1:200

#### Subcellular Localization

Endoplasmic reticulum. Lipid droplet. Lipid droplet surface- associated.

#### Tissue Specificity

Adipocytes..

#### Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

#### Immunogen

A synthesized peptide derived from human Perilipin A

#### Purification

Affinity-chromatography

Storage

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

## Anti-Perilipin A PLIN1 Rabbit Monoclonal Antibody - Protein Information

**Name** PLIN1

**Synonyms** PERI, PLIN

### Function

Modulator of adipocyte lipid metabolism. Coats lipid storage droplets to protect them from breakdown by hormone-sensitive lipase (HSL). Its absence may result in leanness. Plays a role in unilocular lipid droplet formation by activating CIDEC. Their interaction promotes lipid droplet enlargement and directional net neutral lipid transfer. May modulate lipolysis and triglyceride levels.

### Cellular Location

Endoplasmic reticulum. Lipid droplet. Note=Lipid droplet surface-associated.

### Tissue Location

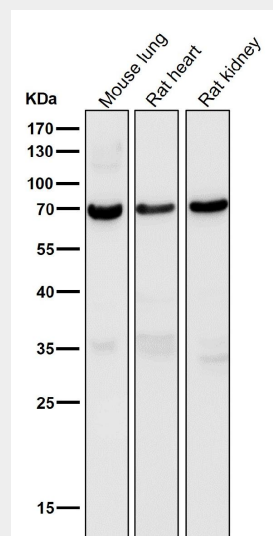
Detected in adipocytes from white adipose tissue (at protein level) (PubMed:27832861). Detected in visceral adipose tissue and mammary gland (PubMed:9521880)

## Anti-Perilipin A PLIN1 Rabbit Monoclonal Antibody - Protocols

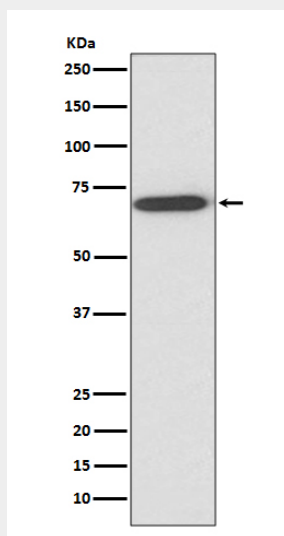
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-Perilipin A PLIN1 Rabbit Monoclonal Antibody - Images



All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.



Western blot analysis of Perilipin A expression in human fetal liver lysate.