



## Mouse Monoclonal Antibody **Perilipin-1** conjugated to Sepharose Beads

CatalogNo: **ANT8295-M**

Size 200ul

Storage Store at 4 °C for frequent use

### Description

This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified beads. It is useful for immunoprecipitation.

### **Perilipin-1 (ANT0058R) Rabbit mAb**

Formulation: Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg ANaN3.

#### Host Species

- Rabbit
- Human, Mouse, Rat,

#### Reactivity

- WB, IHC, IF, IP, ELISA

#### Applications

#### MW

- 56kD (Calculated)
- 56kD (Observed)
- IgG, Kappa

#### Isotype

## **Recommended Dilution Ratios**

### **IP**

## **Basic Information**

#### Clonality

Monoclonal

Clone Number      ANT0058R

**Immunogen Information**

Specificity      Endogenous

Gene name      PLIN1 PERI PLIN

Protein Name      Perilipin-1 (Lipid droplet-associated protein)

Organism	Gene ID	UniProt ID
Human	<a href="#">5346</a> ;	<a href="#">O60240</a> ;
Mouse	<a href="#">103968</a> ;	<a href="#">Q8CGN5</a> ;
Rat	<a href="#">25629</a> ;	<a href="#">P43884</a> ;

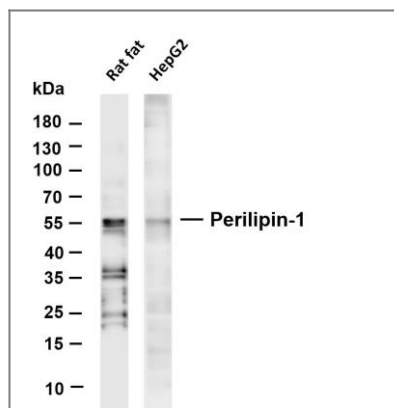
Cellular Localization      Endoplasmic reticulum

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

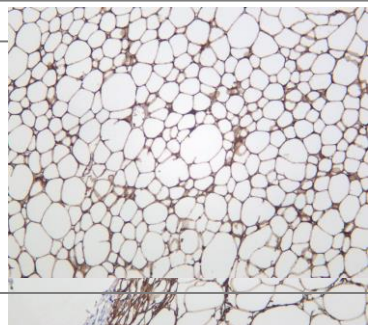
Function      Modulator of adipocyte lipid metabolism. Coats lipid storage droplets to protect them from breakdown by hormone-sensitive lipase (HSL). Its absence may result in leanness. Plays a role in unilocular lipid droplet formation by activating CIDEC. Their interaction promotes lipid droplet enlargement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

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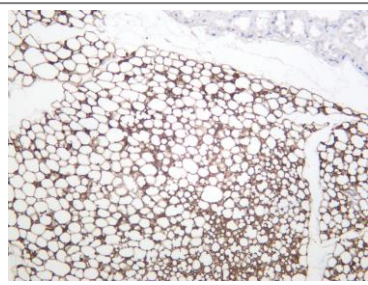
## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Perilipin-1 (ANT0058R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: Rat fat Lane 2: HepG2  
Predicted band size: 56kDa  
Observed band size: 56kDa



Human adipose was stained with anti-Perilipin-1 (ANT0058R) rabbit antibody  
Mouse adipose was stained with anti-Perilipin-1 (ANT0058R) rabbit antibody



Rat adipose was stained with anti-Perilipin-1 (ANT0058R) rabbit antibody

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