# antibodies - online.com







# anti-PLIN1 antibody (C-Term)





$\sim$	
( )\/△	rview
$\cup$	1 410 44

Quantity:	100 μL
Target:	PLIN1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLIN1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)
Product Details	

lmmunogen:	A synthesized peptide derived from human Perilipin-1, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	Perilipin-1 Antibody detects endogenous levels of total Perilipin-1.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).

#### **Target Details**

Target:	PLIN1	

## **Target Details**

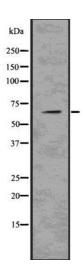
Alternative Name:	PLIN1 (PLIN1 Products)
Background:	Description: Modulator of adipocyte lipid metabolism. Coats lipid storage droplets to protect
	them from breakdown by hormone-sensitive lipase (HSL). Its absence may result in leanness.
	Plays a role in unilocular lipid droplet formation by activating CIDEC. Their interaction promotes
	lipid droplet enlargement and directional net neutral lipid transfer. May modulate lipolysis and
	triglyceride levels.
	Gene: PLIN1
Molecular Weight:	62 kDa
Gene ID:	5346
UniProt:	060240
Pathways:	Lipid Metabolism

## Application Details

Application Notes:	WB 1:1000-3000, IHC 1:200, IF/ICC 1:100-500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

# Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



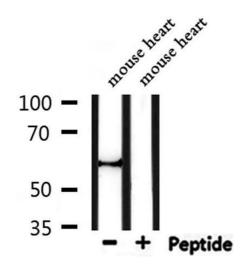
### **Western Blotting**

**Image 1.** Western blot analysis of Perilipin A using NIH-3T3 whole lysates.



#### Immunofluorescence (fixed cells)

**Image 2.** ABIN6277808 staining A-431 cells by ICC/IF. Cells were fixed with PFA and permeabilized in 0.1% saponin prior to blocking in 10% serum for 45 minutes at  $37_{\rm i}$ aC. The primary antibody was diluted 1/200 and incubated with the sample for 1 hour at  $37_{\rm i}$ aC. A Alexa Fluor 594 conjugated goat polyclonal to rabbit IgG (H+L), diluted 1/600 was used as secondary antibod



#### **Western Blotting**

**Image 3.** Western blot analysis of extracts from mouse heart, using Perilipin A Antibody.

Please check the product details page for more images. Overall 4 images are available for ABIN6264141.