

Anti-Perilipin A PLIN1 Rabbit Monoclonal Antibody

Catalog # ABO14104

Product Information

Application	WB, IF, ICC
Primary Accession	O60240
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.

Additional Information

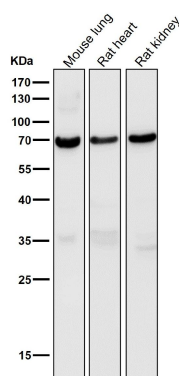
Gene ID	5346
Other Names	Perilipin-1, Lipid droplet-associated protein, PLIN1, PERI, PLIN
Calculated MW	55990
Application Details	WB 1:1000-1:5000 ICC/IF 1:50-1:200
Subcellular Localization	Endoplasmic reticulum. Lipid droplet. Lipid droplet surface- associated.
Tissue Specificity	Adipocytes..
Source	Eukaryota
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.
Clone Names	Clone: AAED-16
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.

Protein Information

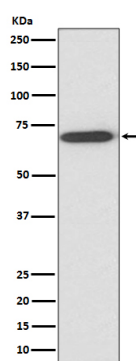
Name	PLIN1
Synonyms	PERI, PLIN

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)

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.