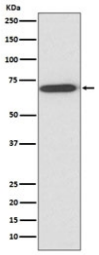
Perilipin 1 Antibody / PLIN1 [clone AAED-16] (RQ4750)

Catalog No.	Formulation	Size
RQ4750	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AAED-16
Purity	Affinity purified
UniProt	O60240
Applications	Western blot: 1:1000-1:5000
Limitations	This Perilipin 1 antibody is available for research use only.



Western blot testing of human fetal liver lysate with Perilipin 1 antibody at 0.5ug/ml. Expected molecular weight: 56-62 kDa.

Description

Perilipin 1 is a modulator of adipocyte lipid metabolism. It 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. [UniProt]

Application Notes

Optimal dilution of the Perilipin 1 antibody should be determined by the researcher.

Immunogen

A synthetic peptide from the 'A' isoform of human Perilipin 1 / PLIN1 was used as the immunogen for the Perilipin A antibody.

Storage

Store the Perilipin 1 antibody at -20oC.

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