

Perilipin A Rabbit mAb

Catalog No.: A4758 **Recombinant**

Basic Information

Catalog No.

A4758

Observed MW

70KDa

Calculated MW

62kDa

Category

Primary antibody

Applications

WB, IHC, IF

Cross-Reactivity

Mouse, Rat

Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50 - 1:200
IF	1:50 - 1:200

Contact

 | www.abclonal.com

Background

The protein encoded by this gene coats lipid storage droplets in adipocytes, thereby protecting them until they can be broken down by hormone-sensitive lipase. The encoded protein is the major cAMP-dependent protein kinase substrate in adipocytes and, when unphosphorylated, may play a role in the inhibition of lipolysis. Alternatively spliced transcript variants varying in the 5' UTR, but encoding the same protein, have been found for this gene. [provided by RefSeq, Feb 2009]

Immunogen Information

Gene ID	Swiss Prot
5346	O60240

Immunogen

A synthesized peptide derived from human Perilipin A

Synonyms

FPLD4; PERI; PLIN

Product Information

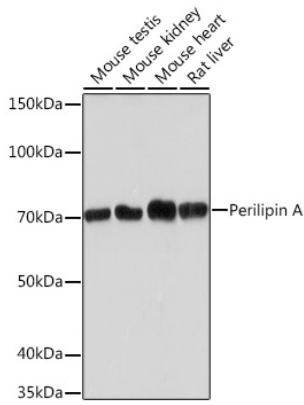
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using Perilipin A Rabbit mAb (A4758) at 1:1000 dilution.

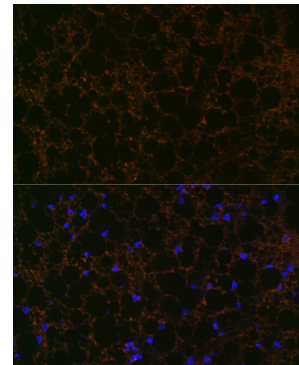
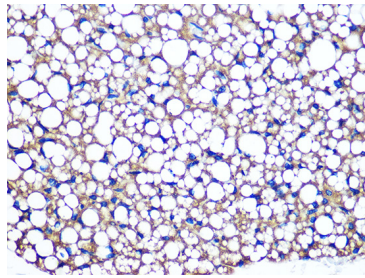
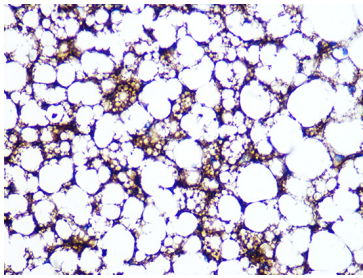
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

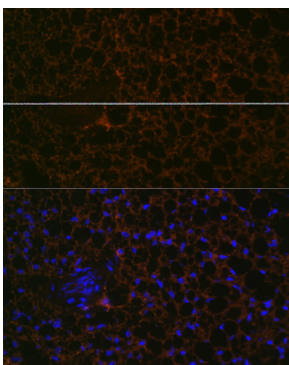
Exposure time: 3min.



Immunohistochemistry of paraffin-embedded rat brown adipose using Perilipin A Rabbit mAb (A4758) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Immunohistochemistry of paraffin-embedded mouse brown adipose using Perilipin A Rabbit mAb (A4758) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Immunofluorescence analysis of rat fat using Perilipin A Rabbit mAb (A4758) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse brown adipose using Perilipin A Rabbit mAb (A4758) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.