



Rabbit Anti-Perilipin-2 antibody

SL10780R

Product Name:	Perilipin-2
Chinese Name:	脂滴包被蛋白抗体
Alias:	ADFP; Adipophilin; Adipose differentiation related protein; Adipose differentiation-related protein; ADRP; MGC10598; Perilipin-2; PLIN2; PLIN2 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	48kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Perilipin-2:341-437/437
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The protein encoded by this gene belongs to the perilipin family, members of which coat intracellular lipid storage droplets. This protein is associated with the lipid globule surface membrane material, and maybe involved in development and maintenance of adipose tissue. However, it is not restricted to adipocytes as previously thought, but is found in a wide range of cultured cell lines, including fibroblasts, endothelial and epithelial cells, and tissues, such as lactating mammary gland, adrenal cortex, Sertoli

and Leydig cells, and hepatocytes in alcoholic liver cirrhosis, suggesting that it may serve as a marker of lipid accumulation in diverse cell types and diseases. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Mar 2011]

Function:

May be involved in development and maintenance of adipose tissue.

Subcellular Location:

Membrane; Peripheral membrane protein.

Tissue Specificity:

Milk lipid globules.

Post-translational modifications:

Acylated; primarily with C14, C16 and C18 fatty acids.

Similarity:

Belongs to the perilipin family.

SWISS:

Q99541

Gene ID:

123

Database links:

[Entrez Gene: 123](#)Human

[Entrez Gene: 11520](#)Mouse

[Omim: 103195](#)Human

[SwissProt: Q99541](#)Human

[SwissProt: P43883](#)Mouse

[SwissProt: Q4PLW0](#)Pig

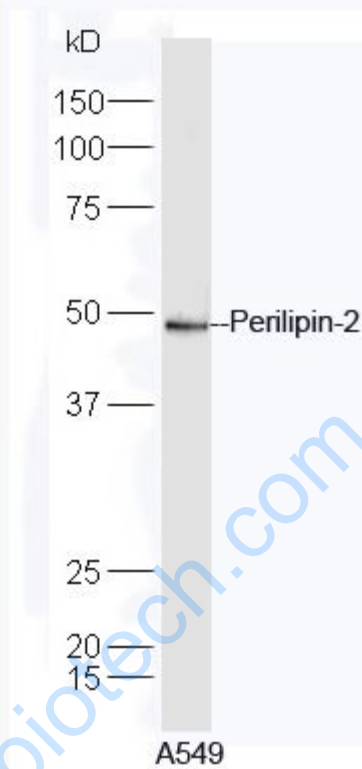
[Unigene: 3416](#)Human

[Unigene: 381](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Protein: A549(human) lysate at 30ug;

Primary: rabbit Anti-Perilipin-2 (SL10780R) at 1:300;

Secondary: HRP conjugated Goat-Anti-rabbit IgG(SL10780R) at 1: 5000;

Predicted band size: 48 kD

Observed band size: 48 kD