

ADFP Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10648**Specification**

ADFP Antibody - Product Information

Application	WB
Primary Accession	Q99541
Other Accession	CAG38778
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	48075

ADFP Antibody - Additional Information**Gene ID 123**

Application & Usage	Western blotting (0.5-4 µg/ml). However, the optimal concentrations should be determined individually. The antibody recognizes 48 kDa ADFP in samples from human, mouse, and rat origins. Reactivity to other species has not been tested.
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Other Names

ADFP , ADRP , MGC10598 , adipophilin, perilipin, 2PLIN2

Target/Specificity

ADFP

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

ADFP Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

ADFP Antibody - Protein Information

Name PLIN2

Synonyms ADFP

Function

Structural component of lipid droplets, which is required for the formation and maintenance of lipid storage droplets.

Cellular Location

Membrane {ECO:0000250|UniProtKB:P43883}; Peripheral membrane protein {ECO:0000250|UniProtKB:P43883}. Lipid droplet

Tissue Location

Milk lipid globules..

ADFP Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ADFP Antibody - Images**ADFP Antibody - Background**

Adipocyte differentiation-related protein (ADFP) also called Adipophilin is associated with the globule surface membrane material. ADFP (Adipophilin) occurs in a wide range of cultured cell lines, including fibroblasts, endothelial and epithelial cells. ADFP may be a possible indicator for the identification of specialized differentiated cells containing lipid droplets and for diseases that link to fat-accumulating cells.