

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

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**ADFP Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q99541</a>
Other Accession	<a href="#">CAG38778</a>
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.