

**PLIN2 / ADFP / Adipophilin Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS13653**

### Specification

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#### PLIN2 / ADFP / Adipophilin Antibody - Product Information

Application	WB, IHC
Primary Accession	<a href="#">O99541</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48kDa KDa

#### PLIN2 / ADFP / Adipophilin Antibody - Additional Information

**Gene ID** 123

#### Other Names

Perilipin-2, Adipophilin, Adipose differentiation-related protein, ADRP, PLIN2, ADFP

#### Target/Specificity

Human ADFP. Predicted cross-reactivity based on amino acid sequence homology: mouse (82%), bovine (86%), pig (87%).

#### Reconstitution & Storage

Aliquot and store at -20°C. Minimize freezing and thawing.

#### Precautions

PLIN2 / ADFP / Adipophilin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

#### PLIN2 / ADFP / Adipophilin Antibody - Protein Information

**Name** PLIN2 ([HGNC:248](#))

**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..

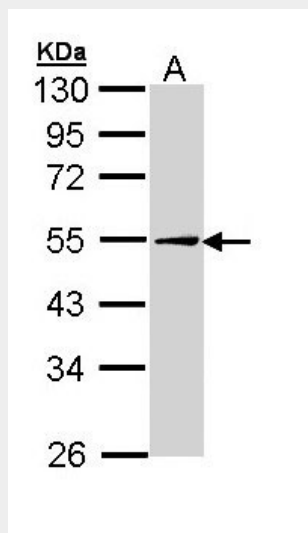
**Volume**  
50  $\mu$ l

### PLIN2 / ADFP / Adipophilin Antibody - Protocols

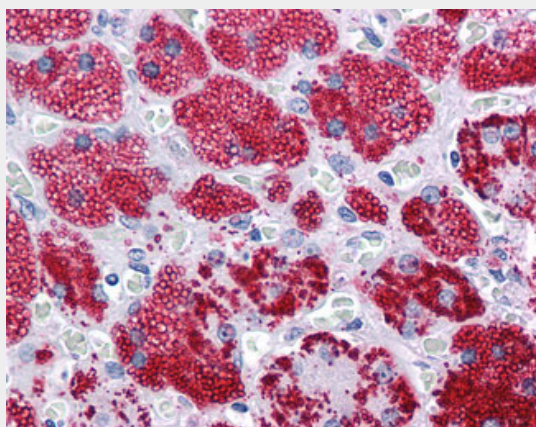
Provided below are standard protocols that you may find useful for product applications.

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

### PLIN2 / ADFP / Adipophilin Antibody - Images



Sample (30  $\mu$ g of whole cell lysate). A: Hep G2. 10% SDS PAGE. ADFP antibody diluted at 1:1000.



Anti-Adipophilin antibody IHC of human adrenal.

### PLIN2 / ADFP / Adipophilin Antibody - Background

May be involved in development and maintenance of adipose tissue.

**PLIN2 / ADFP / Adipophilin Antibody - References**

- Heid H.W., et al. *Biochem. J.* 320:1025-1030(1996).  
Tangkeangsirisin W., et al. Submitted (NOV-2001) to the EMBL/GenBank/DDBJ databases.  
Burkard T.R., et al. *BMC Syst. Biol.* 5:17-17(2011).  
Bienvenut W.V., et al. *Mol. Cell. Proteomics* 11:M111.015131-M111.015131(2012).  
Van Damme P., et al. *Proc. Natl. Acad. Sci. U.S.A.* 109:12449-12454(2012).