

**Adipsin Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV10725****Specification**

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**Adipsin Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P03953</a>
Reactivity	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	28057

**Adipsin Antibody - Additional Information****Gene ID** 11537

Positive Control	Rat kidney tissue lysate
Application & Usage	Western blot analysis (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Rat kidney tissue lysate can be used as a positive control.

**Other Names**

Complement factor D, 28 kDa adipocyte protein, C3 convertase protein, C3 convertase activator, Properdin factor D

**Target/Specificity**

Adipsin

**Antibody Form**

Liquid

**Appearance**

Colorless liquid

**Formulation**

100 µg (0.5 mg/ml) affinity purified rabbit anti-Adipsin polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal

**Handling**

The antibody solution should be gently mixed before use.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

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

### Adipsin Antibody - Protein Information

**Name** Cfd

**Synonyms** Adn, Df

#### Function

Factor D cleaves factor B when the latter is complexed with factor C3b, activating the C3bbb complex, which then becomes the C3 convertase of the alternate pathway. Its function is homologous to that of C1s in the classical pathway.

#### Cellular Location

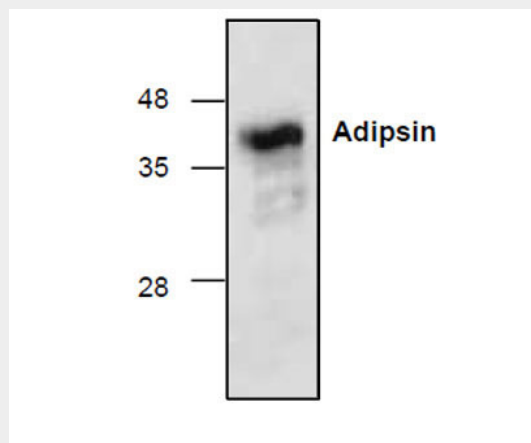
Secreted.

### Adipsin 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](#)

### Adipsin Antibody - Images



Western blot analysis of Adipsin with rat kidney tissue lysate.

### Adipsin Antibody - Background

Adipsin is a serine protease secreted by adipose tissue, and it has also been found in monocytes/macrophages. Adipsin has been identified to be similar to complement Factor D. Adipsin cleaved complement Factor B when the later form complexed with activated complement

component C3. Low level expression of Adipsin has been linked to obesity in mouse model s  
uggesting that defects in Adipsin is the result of this systemic disorder.