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Adipsin Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10725

Specification

Adipsin Antibody - Product Information

Application	**WB**
Primary Accession	P03953
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.

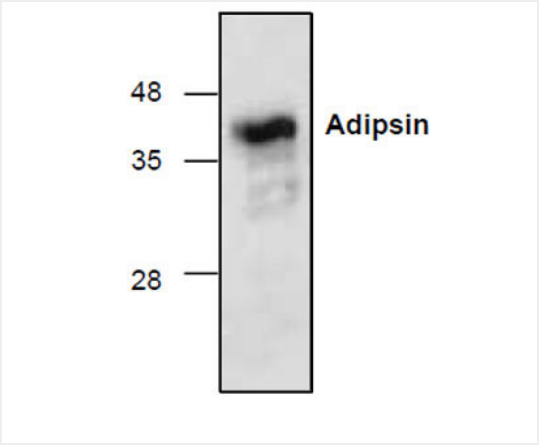
Cellular Location
Secreted.

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 Cytomety
- 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 µggesting that defects in Adipsin is the result of this systemic disorder.