

## **Adiponectin Antibody**

Rabbit mAb Catalog # AP93073

### **Specification**

## **Adiponectin Antibody - Product Information**

Application WB, IHC
Primary Accession O15848
Clonality Monoclonal

**Other Names** 

ACDC; ACRP30; Adipocyte; Adiponectin; Adiponectin precursor; Adipog; ADIPQTL1; ADPN; APM1;

GBP28; Gelatin binding protein 28;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 26414 Da

# **Adiponectin Antibody - Additional Information**

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

**Adiponectin** 

Description Important adipokine involved in the control

of fat metabolism and insulin sensitivity, with direct anti-diabetic, anti-atherogenic

and anti-inflammatory activities.

Stimulates AMPK phosphorylation and activation in the liver and the skeletal muscle, enhancing glucose utilization and

fatty-acid combustion.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

### **Adiponectin Antibody - Protein Information**

#### Name ADIPOQ

#### **Function**

Important adipokine involved in the control of fat metabolism and insulin sensitivity, with direct anti-diabetic, anti-atherogenic and anti-inflammatory activities. Stimulates AMPK phosphorylation and activation in the liver and the skeletal muscle, enhancing glucose utilization and fatty-acid combustion. Antagonizes TNF-alpha by negatively regulating its expression in various tissues such as liver and macrophages, and also by counteracting its effects. Inhibits endothelial NF-kappa-B signaling through a cAMP-dependent pathway. May play a role in cell growth, angiogenesis and tissue remodeling by binding and sequestering various growth factors with distinct binding affinities, depending on the type of complex, LMW, MMW or HMW.



**Cellular Location** Secreted.

#### **Tissue Location**

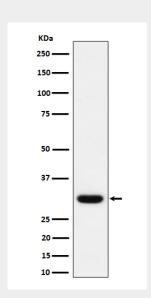
Synthesized exclusively by adipocytes and secreted into plasma.

# **Adiponectin 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

## **Adiponectin Antibody - Images**



Western blot analysis of Adiponectin expression in human plasma lysate.