

**Adiponectin Antibody (C-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS11372****Specification**

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**Adiponectin Antibody (C-Terminus) - Product Information**

Application	IF, WB, IHC
Primary Accession	<a href="#">Q15848</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26kDa KDa

**Adiponectin Antibody (C-Terminus) - Additional Information****Gene ID** 9370**Other Names**

Adiponectin, 30 kDa adipocyte complement-related protein, Adipocyte complement-related 30 kDa protein, ACRP30, Adipocyte, C1q and collagen domain-containing protein, Adipose most abundant gene transcript 1 protein, apM-1, Gelatin-binding protein, ADIPOQ, ACDC, ACRP30, APM1, GBP28

**Target/Specificity**

15 amino acid peptide from near the carboxy-terminus of human adiponectin

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

**Precautions**

Adiponectin Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**Adiponectin Antibody (C-Terminus) - 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.

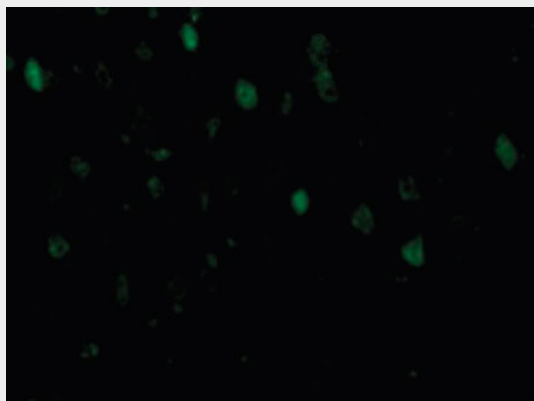
**Tissue Location**

Synthesized exclusively by adipocytes and secreted into plasma.

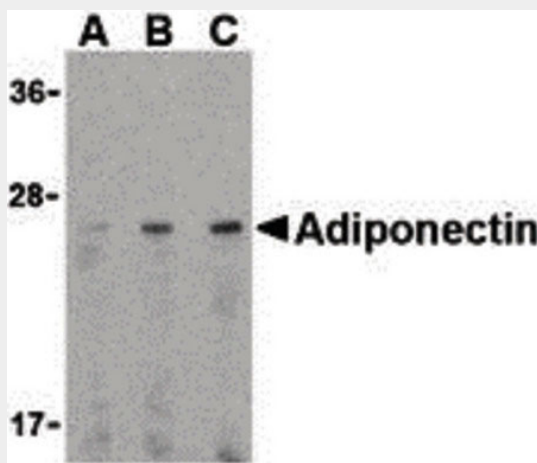
**Adiponectin Antibody (C-Terminus) - Protocols**

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

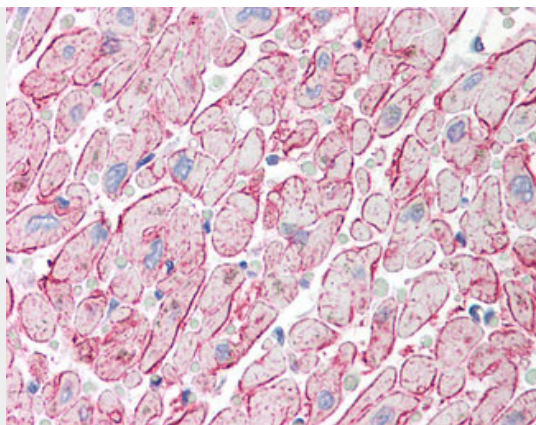
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Adiponectin Antibody (C-Terminus) - Images**

Immunofluorescence of Adiponectin in Rat Brain cells with Adiponectin antibody at 10 ug/ml.



Western blot of adiponectin in HL60 cell lysate with adiponectin antibody at (A) 0.5, (B) 1, and...



Anti-Adiponectin antibody IHC of human heart.

### **Adiponectin Antibody (C-Terminus) - Background**

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### **Adiponectin Antibody (C-Terminus) - References**

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Zhang Z.,et al.Protein Sci. 13:2819-2824(2004).  
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