

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

Specification

Adiponectin Antibody (C-Terminus) - Product Information

Application	IF, WB, IHC
Primary Accession	Q15848
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

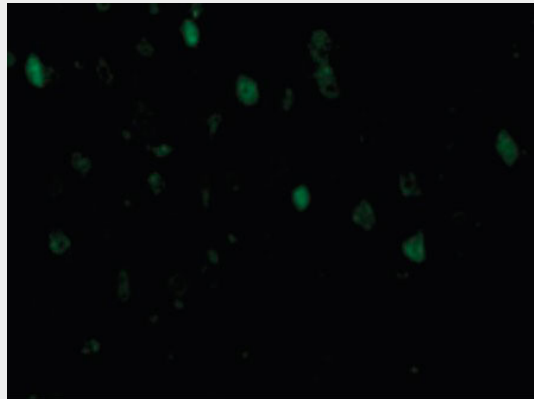
Synthesized exclusively by adipocytes and secreted into plasma.

Adiponectin Antibody (C-Terminus) - Protocols

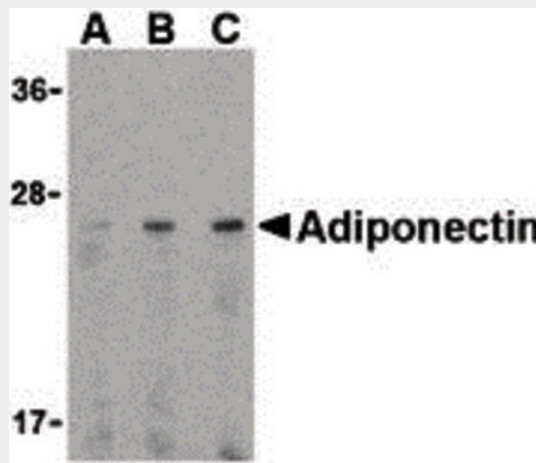
Provided below are standard protocols that you may find useful for product applications.

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

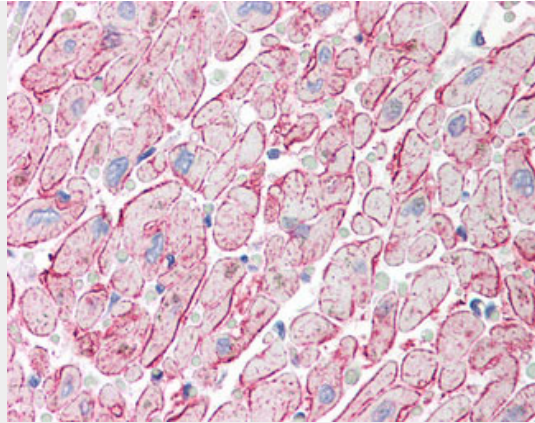
Adiponectin Antibody (C-Terminus) - Images



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

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.

Adiponectin Antibody (C-Terminus) - References

- Maeda K.,et al.Biochem. Biophys. Res. Commun. 221:286-289(1996).
- Saito K.,et al.Gene 229:67-73(1999).
- Schaeffler A.,et al.Biochem. Biophys. Res. Commun. 260:416-425(1999).
- Zhang Z.,et al.Protein Sci. 13:2819-2824(2004).
- Nakano Y.,et al.J. Biochem. 120:803-812(1996).