

**Product Name: Adiponectin (18K12) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe06633**

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## Summary

<b>Production Name</b>	Adiponectin (18K12) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	ADIPOQ 30 kDa adipocyte complement related protein; ACDC; ACRP30; Adipocyte; Adiponectin;
<b>Alternative Names</b>	Adipoq; Adipose most abundant gene transcript 1; Adipose specific collagen like factor; ADIPQTL1; ADPN; APM1; GBP28; Gelatin binding protein; Gelatin binding protein 28;
<b>Gene ID</b>	9370.0
<b>SwissProt ID</b>	Q15848.A synthetic peptide of human Adiponectin

## Application

<b>Dilution Ratio</b>	WB: 1:1000-1:5000
<b>Molecular Weight</b>	26kDa

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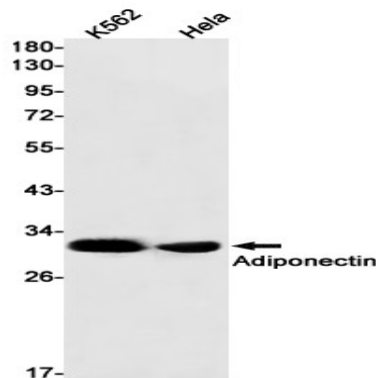


## Background

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. 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.

## Research Area

## Image Data



Western blot detection of Adiponectin in K562, HeLa cell lysates using Adiponectin antibody (1:1000 diluted).

## Note

For research use only.