Product Name: **Adiponectin (5N3) Rabbit Monoclonal Antibody**
Catalog #: **AMRe06634**
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000
Molecular Weight	26kDa

Antigen Information

Gene Name	ADIPOQ
Alternative Names	ACDC; ACRP30; Adipocyte; Adiponectin; Adiponectin precursor; Adipoq; ADIPQTL1; ADPN; APM1; GBP28; Gelatin binding protein 28;
Gene ID	9370.0
SwissProt ID	Q15848
Immunogen	A synthetic peptide of human Adiponectin

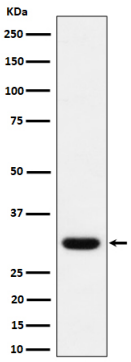
Background

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

Cardiovascular; Lipids / Lipoproteins; Adipose Related; Acrp; Signal Transduction; Growth Factors/Hormones; Hormones; Neuroscience; Neurology process; Metabolism; Stem Cells; Mesenchymal Stem Cells; Adipogenesis; Atherosclerosis; Diabetes associated; Cancer; Cancer Metabolism; Response to hypoxia; Metabolism; Pathways and Processes; Metabolism processes; Hypoxia;Types of disease; Diabetes; Obesity; Heart disease; Metabolic disorders

Image Data



Western blot analysis of Adiponectin expression in human plasma lysate.