
Product Name: Adiponectin Rabbit Monoclonal Antibody**Catalog #: AMRe03758**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF
Reactivity	Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.63mg/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	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200
Molecular Weight	Calculated MW: 27 kDa; Observed MW: 30 kDa

Antigen Information

Gene Name	Adipoq
Alternative Names	Ad; APN; Acdc; Adid; apM1; 30kDa; GBP28; adipo; Acrp30
Gene ID	11450.0
SwissProt ID	Q60994
Immunogen	Recombinant protein of mouse Adiponectin

Background

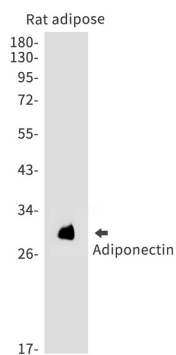
Important adipokine involved in the control of fat metabolism and insulin sensitivity, with direct anti-diabetic, anti-atherogenic and anti-inflammatory activities. Stimulates AMPK phosphorylation and activation in the liver and the skeletal muscle,

enhancing glucose utilization and fatty-acid combustion. 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.

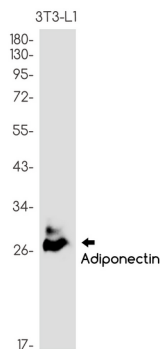
Research Area

Cardiovascular

Image Data



Western blot analysis of Adiponectin in rat fat lysates using Adiponectin antibody.



Western blot analysis of Adiponectin in 3T3-L1 lysates using Adiponectin antibody.