

Adiponectin Polyclonal Antibody

Catalog No: #42649

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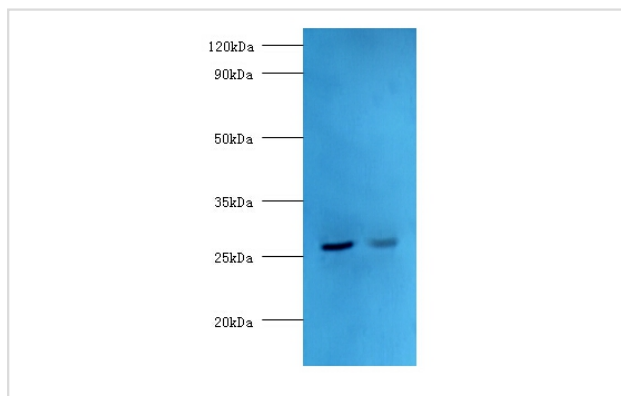
Description

Product Name	Adiponectin Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Adiponectin polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Adiponectin protein
Target Name	Adiponectin
Other Names	30 kDa adipocyte complement-related protein Adipocyte complement-related 30 kDa protein Adipocyte, C1q and collagen domain-containing protein Adipose most abundant gene transcript 1 protein Gelatin-binding protein ADIPOQ ACDC, ACRP30, APM1, GBP28
Accession No.	Swiss-Prot#: Q15848
Uniprot	Q15848
GeneID	9370;
Calculated MW	26kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: □1:500 - 1:1000

Images



All lanes :Adiponectin antibody at 2ug/ml
 Lane 1 : Human NIH3T3 whole cell lysate
 Lane 2 : Human HL-60 whole cell lysate
 Secondary
 Goat polyclonal to rabbit IgG at 1/10000 dilution
 Predicted band size : 26kDa
 Observed band size: 26kDa

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.

References

[1]cDNA cloning and expression of a novel adipose specific collagen-like factor, apM1 (AdiPose Most abundant Gene transcript 1).Maeda K., Okubo K., Shimomura I., Funahashi T., Matsuzawa Y., Matsubara K.Biochem. Biophys. Res. Commun. 221:286-289(1996) [2]

Note: This product is for in vitro research use only