

Adiponectin

Catalog No: #AP78589

Package Size: #AP78589-1 50ug #AP78589-2 100ug #AP78589-3 1mg

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Support: tech@signalwayantibody.com

Description

Product Name	Adiponectin
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	60-227AA
Other Names	ACDC,ACRP30,APM1,GBP28,30 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,ACRP30,apM-1
Accession No.	Q15848Gene name:ADIPOQ
Uniprot	Q15848
GeneID	9370;
Calculated MW	18.48
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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

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Note: This product is for in vitro research use only