

Adiponectin Rabbit mAb

Catalog No: #52123

Package Size: #52123-1 50ul #52123-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

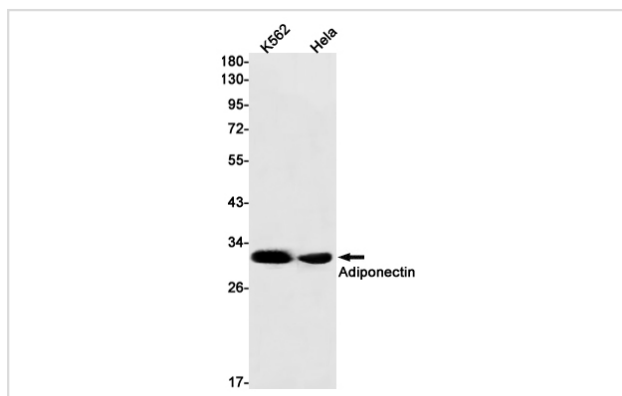
Description

Product Name	Adiponectin Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S03-9F3
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human
Immunogen Description	A synthetic peptide of human Adiponectin
Conjugates	Unconjugated
Modification	Unmodification
Other Names	ACDC; ADPN; APM1; APM-1; GBP28; ACRP30; ADIPQTL1
Accession No.	Swiss-Prot:Q15848GeneID:9370
Uniprot	Q15848
GeneID	9370
Calculated MW	Calculated MW: 26 kDa; Observed MW: 30 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000-1/5000;

Images



Western blot detection of Adiponectin in K562, HeLa cell lysates using Adiponectin Rabbit mAb(1:1000 diluted). Predicted band size: 26kDa. Observed band size: 30kDa.

Background

Swiss-Prot Acc.Q15848.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.

Note: This product is for in vitro research use only