Adiponectin   monoclonal antibody

Catalog: MB10499	Host: Rabbit	Reactivity: Mouse,Rat

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.

Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 27 kDa; Observed MW: 30 kDa

Swiss-Prot:

Q60994

Purification&Purity:

Affinity Purified

Applications:

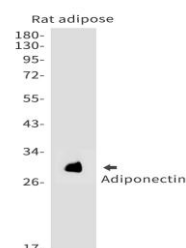WB: 1/500-1/1000   IHC: 1/50-1/100   IF: 1/50-1/200

Storage&Stability:

Store at 4 ℃ short term. Aliquot and store at -20 ℃ long term. Avoid freeze-thaw cycles.

Isotype:

IgG

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.

Note:

For research use only, not for use in diagnostic procedure.