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35-1833: Polyclonal Antibody to Adiponectin

Clonality: Polyclonal Application: WB

Reactivity: Human, Mouse, Rat

 Gene :
 ADIPOQ

 Gene ID :
 9370

 Uniprot ID :
 Q15848

 Format :
 Purified

Alternative Name: ACDC, ADPN, APM1

Isotype: Rabbit IgG

Immunogen Information: Peptide sequence around aa.235~239(T-G-F-L-L) derived from Human Adiponectin.

Description

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-a 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 Info

Amount : 50 μl / 100 μl

Content: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM

NaCl, 0.02% sodium azide and 50% glycerol.

Storage condition:

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Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Predicted MW: 27kd, Western blotting: 1:500~1:1000

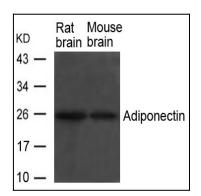


Figure 1: Western blot analysis of extracts from Rat and Mouse brain tissue using Adiponectin Antibody 35-1833.