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Anti-Adiponectin Rabbit Monoclonal Antibody

Catalog # ABO16528

Product Information

Application	WB, IHC, IF, ICC
Primary Accession	Q60994
Host	Rabbit
Isotype	IgG
Reactivity	Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Adiponectin Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Mouse.

Additional Information

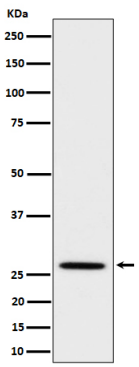
Gene ID	11450
Other Names	Adiponectin, 30 kDa adipocyte complement-related protein, Adipocyte complement-related 30 kDa protein, ACRP30, Adipocyte, C1q and collagen domain-containing protein, Adipocyte-specific protein AdipoQ, Adipoq, Acdc, Acrp30, Apm1
Calculated MW	26809
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 30A64
Immunogen	A synthesized peptide derived from human Adiponectin
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	Adipoq
Synonyms	Acdc, Acrp30, Apm1

Function	Important adipokine involved in the control of fat metabolism and insulin sensitivity upon binding to its receptors ADIPOR1 or ADIPOR2, with direct anti-diabetic effect (PubMed:12802337). Also has 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 (PubMed:12368907). Antagonizes TNF 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 (By similarity). 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 (PubMed:15734737).
Cellular Location	Secreted.
Tissue Location	Synthesized exclusively by adipocytes and secreted into plasma

Images



Western blot analysis of Adiponectin expression in mouse kidney cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.