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Anti-Adiponectin Antibody (aa19-244, clone 3D11)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS18263

Product Information

Application	WB, IHC-P
Primary Accession	Q15848
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Names	3D11
Calculated MW	26414
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	9370
Alias Symbol	ADIPOQ
Other Names	ADIPOQ, Adiponectin, ADPN, ACDC, ADIPQTL1, APM-1, APM1, ACRP30, Gelatin-binding protein 28, GBP28, Gelatin-binding protein
Target/Specificity	Human Adiponectin
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-Adiponectin Antibody (aa19-244, clone 3D11) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ADIPOQ
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. Also has anti-atherogenic and anti-inflammatory activities (By similarity). Stimulates AMPK phosphorylation and activation in the liver and the skeletal muscle, enhancing glucose utilization and fatty-acid combustion (By similarity). 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 (PubMed:10982546). 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 (By similarity).

Cellular Location Secreted.

Tissue Location Synthesized exclusively by adipocytes and secreted into plasma.

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