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Anti-Adiponectin (C-terminal region) Antibody

Catalog # AN1620

Product Information

Application	WB
Primary Accession	Q60994
Host	Mouse
Clonality	Mouse Monoclonal
Isotype	IgG1
Clone Names	M576
Calculated MW	26809

Additional Information

Gene ID	11450
Other Names	ACDC, ACRP30, APM1, GBP28
Target/Specificity	Adiponectin is an adipokine that is secreted primarily from adipocytes and functions in glucose regulation and lipid metabolism. It has also been shown to play a major role in energy homeostasis. Studies report adiponectin secretion in bone, mammary glands, salivary glands, and cardiac tissue in limited quantities. It forms a homo-oligomeric structure and is homologous to complement factor C1q, collagen type VIII, and collagen type X. In humans and mice with low adiponectin levels, increased obesity and insulin resistance is observed. Adiponectin, typically an anti-inflammatory agent, has been shown to exert pro-inflammatory effects in nonmetabolic disease such as irritable bowel syndrome. Low levels of adiponectin in blood have been correlated with higher incidence and poorer prognosis in several cancers, including breast cancer.
Dilution	WB~~1:1000
Format	Protein G Purified
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Anti-Adiponectin (C-terminal region) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
Shipping	Blue Ice

Background

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forms a homo-oligomeric structure and is homologous to complement factor C1q, collagen type VIII, and collagen type X. In humans and mice with low adiponectin levels, increased obesity and insulin resistance is observed. Adiponectin, typically an anti-inflammatory agent, has been shown to exert pro-inflammatory effects in nonmetabolic disease such as irritable bowel syndrome. Low levels of adiponectin in blood have been correlated with higher incidence and poorer prognosis in several cancers, including breast cancer.