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# Anti-Adiponectin (C-terminal region) Antibody

Catalog # AN1621

## Product Information

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|---|---|
| **Application** | WB |
| **Primary Accession** | Q60994 |
| **Host** | Mouse |
| **Clonality** | Mouse Monoclonal |
| **Isotype** | IgG1 |
| **Clone Names** | M577 |
| **Calculated MW** | 26809 |

## Additional Information

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| **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.

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