

Anti-Adiponectin (C-terminal region) Antibody
Catalog # AN1621**Specification**

Anti-Adiponectin (C-terminal region) Antibody - Product Information

Primary Accession	Q60994
Reactivity	Bovine
Host	Mouse
Clonality	Mouse Monoclonal
Isotype	IgG1
Calculated MW	26809

Anti-Adiponectin (C-terminal region) Antibody - 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.

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

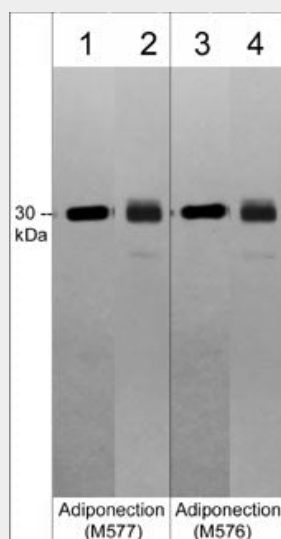
Anti-Adiponectin (C-terminal region) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Adiponectin (C-terminal region) Antibody - Images



Western blot analysis of mouse white adipose tissue (lanes 1 & 3) and human recombinant full length adiponectin (lanes 2 & 4). The blot was probed with mouse monoclonals anti-Adiponectin (C-terminal) antibody M577 (lanes 1 & 2) or anti-Adiponectin (C-terminal) antibody M576 (lanes 3 & 4).

Anti-Adiponectin (C-terminal region) Antibody - Background

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.