

ADIPOQ

Rabbit Anti-Human Adiponectin/Acrp30 Clone Poly6215 Affinity Purified pAb

Catalog No.

CSI10964

Quantity:200 μ l**Alternate Names:**

ACDC, ACRP30, ADPN, APM-1, APM1, GBP28, adiponectin, adipocyte, C1Q and collagen domain containing, adipocyte, C1Q and collagen domain-containing, adiponectin, adipose most abundant gene transcript 1, gelatin-binding protein 28

Description:

Adiponectin is a 28 kD is a complement 1q family member that is involved in the control of fat metabolism and insulin sensitivity. Adiponectin forms multimers, under non-reducing, non-heat denaturing conditions with approximate molecular weights of >300 kD, 167 kD, and 67 kD. Under reducing conditions with no heat, adiponectin is approximately 67 kD; under reducing conditions with heat, the adiponectin monomer has an apparent molecular weight of approximately 28 kD. Adiponectin can be modified by glycosylation and hydroxylation. Adiponectin is synthesized and secreted into plasma by adipocytes. Adiponectin has also been shown to act as a negative regulator of hematopoiesis and inflammation. In macrophages and endothelial cells adiponectin has been shown to downregulate TNF-induced adhesion molecules, and block NF- κ B signaling through a cAMP-dependent mechanism. Decreased levels of adiponectin are associated with obesity insulin resistance and type 2 diabetes. IL-6 inhibits adiponectin production and secretion. Adiponectin has been shown to interact with collagen type I, III, and V. The Poly6215 antibody has been shown to be useful for Western blotting of human adiponectin.

Gene ID:

9370

Host:

Rat

Immunogen:

Recombinant (partial)

Isotype:

Rabbit IgG

Clone:

Poly6215

Formulation:

This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 50% glycerol. **Precaution:** Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.

Purification:

The antibody was purified by affinity chromatography.

Reactivity:

Human

Applications:

Western blot

Recommended Usage:

Cell Sciences®
480 Neponset Street
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Canton, MA 02021

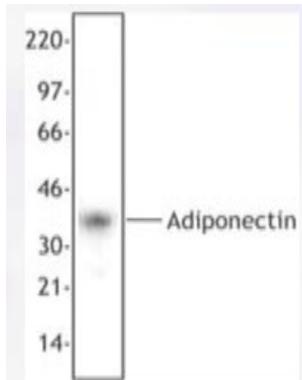
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E-mail: info@cellsciences.com
Website: www.cellsciences.com

Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 10 μ l per 5 ml antibody dilution buffer for each mini-gel. It is recommended that the reagent be titrated for optimal performance for each application.

Storage & Stability: The antibody solution upon receipt should be stored frozen at -20° C. **Avoid repeated freeze-thaw cycles**

Recombinant human adiponectin (1 μ g/lane) was resolved by SDS-PAGE electrophoresis, transferred to nitrocellulose, and probed with rabbit anti-adiponectin antibody. The protein was visualized using a donkey anti-rabbit secondary conjugated to HRP and a chemiluminescence detection system.



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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