

Adiponectin Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252006

Unit: 0.1 mg

Description:

Adiponectin is an adipokine involved in the control of fat metabolism and insulin sensitivity, with direct anti-diabetic, anti-atherogenic and anti-inflammatory activities. Adiponectin stimulates AMPK phosphorylation and activation in the liver and the skeletal muscle, enhancing glucose utilization and fatty-acid combustion. Defects in adiponectin are the cause of adiponectin deficiency (ADPND). ADPND results in very low concentrations of plasma adiponectin. Genetic variations in adiponectin are associated with non-insulin-dependent diabetes mellitus (NIDDM), also known as diabetes mellitus type 2. NIDDM is characterized by an autosomal dominant mode of inheritance, onset during adulthood and insulin resistance.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H

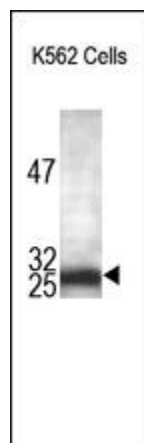
Format: Each vial contains 0.1 mL of crude serum with 0.09% sodium azide.

Alternate Names: Adiponectin; Adipocyte, C1q and collagen domain-containing protein; 30 kDa adipocyte complement-related protein; Adipocyte complement-related 30 kDa protein; ACRP30; Adipose most abundant gene transcript 1 protein; apM-1; Gelatin-binding protein; ADIPOQ; ACDC; APM1, GBP28

Accession No.: Q15848

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human adiponectin.

Application Notes: E: 1:10,000-1:50,000; WB: 1:100-1:500



The Adiponectin Antibody is used in Western blot to detect adiponectin in human fetal K562 cell lysates.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.