

Product datasheet for **SP2182P**

Adiponectin (ADIPOQ) (C-term) Rabbit Polyclonal Antibody

Product data:

| | |
|-----------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IF, IHC, WB |
| Recommended Dilution: | Immunohistochemistry on Paraffin Embedded Sections (10 µg/ml). Positive Control: Rat brain. Western blot (1.0-2.0 µg/ml): This antibody detects a band of approximately 26.4kDa in human HL60 cell lysates. Immunocytochemistry. Flow cytometry. |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Immunogen: | A 15 amino acid peptide located near human Adiponectin carboxy-terminus. |
| Specificity: | This antibody recognises an epitope within the C-terminal region (CT) of the 244 amino acid protein Adiponectin. |
| Formulation: | Phosphate buffered saline, pH 7.2 with 0.02% Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction. |
| Concentration: | lot specific |
| Purification: | Affinity Chromatography. |
| Conjugation: | Unconjugated |
| Storage: | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Should this product contain a precipitate we recommend microcentrifugation before use. |
| Stability: | Shelf life: One year from despatch. |
| Gene Name: | adiponectin, C1Q and collagen domain containing |
| Database Link: | Entrez Gene 9370 Human Q15848 |



[View online »](#)

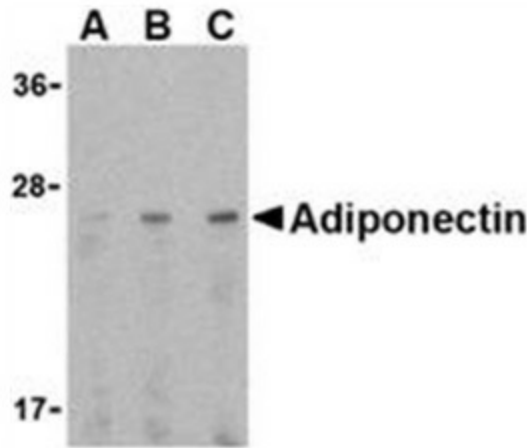
Background:

Adiponectin (also known as Acrp30), is a major adipokine secreted into the bloodstream from adipose tissue to modulate metabolism, including glucose regulation and fatty acid catabolism.

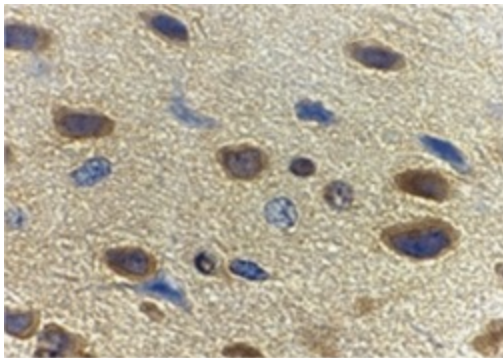
Unlike most other adipokines, Adiponectin is secreted exclusively by differentiating adipocytes at reduced levels during obesity. The serum level of Adiponectin is inversely correlated with BMI (body mass index) of an individual, and has an anti-inflammatory action, playing an important role in type II diabetes (insulin sensitivity) and atherosclerosis.

Synonyms:

ADIPOQ, ACDC, ACRP30, APM1, GBP28

Product images:


Western blot analysis of hole cell lysate from HL60 promyelocytic leukemia cells probed with Rabbit anti Human adiponectin at 0.5 (A), 1 (B) and 2 (C) ug/ml



Immunohistochemical staining of rat brain with Rabbit anti Human adiponectin



Immunocytochemical staining of HL60 cells with Rabbit anti Human adiponectin