

Adiponectin Polyclonal Antibody

CATALOG #: 5903-50 50 µg
5903-250 250 µg

HOST: Rabbit

IMMUNOGEN: *E. coli* expressed recombinant rat adiponectin (ID# BV-55-56)

FORMULATION:

0.5 mg/ml affinity purified rabbit anti-adiponectin polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

SPECIES REACTIVITY: Rat, human, mouse

STORAGE CONDITIONS:

Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

BACKGROUND:

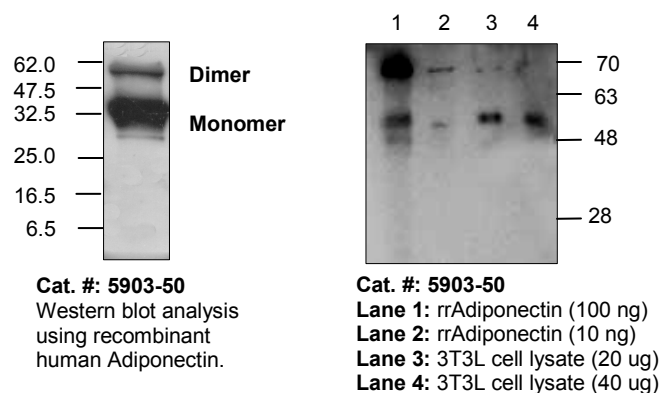
Adipocytes are highly active cells with potent autocrine, paracrine, and endocrine functions. Adiponectin is a serum protein produced and secreted exclusively by adipose tissues. Unlike insulin and leptin, adiponectin levels in plasma remain constant throughout the day and are not acutely affected by food intake.

APPLICATION AND USAGE:

The antibody can be used for Western blotting (0.5-4 µg/ml) and Immunoprecipitation (10-20 µg/ml). However, the optimal conditions should be determined individually.

SPECIFICITY:

The antibody detects the monomer and dimer, as well as multimers of adiponectins in samples from rat, mouse and human origins. Recombinant human adiponectin (Cat.# 4901-25), rat adiponectin, (Cat.# 4903-25), and 3T3L cell lysate can be used as positive controls.



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