

Rabbit ADIPONECTIN Polyclonal Antibody | anti-ADIPOQ antibody

RABBIT ANTI ADIPONECTIN (C-TERMINAL)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA49910	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay

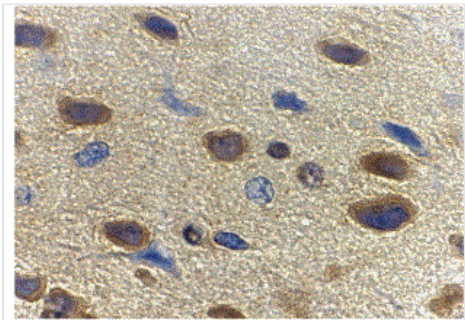
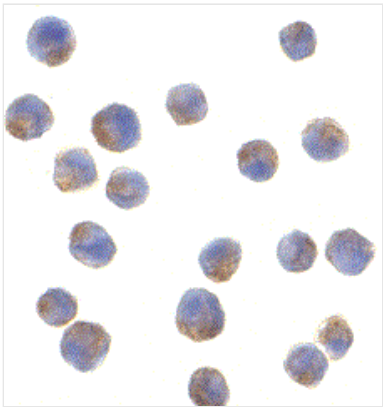
PRODUCT SYNONYMS

ADIPONECTIN; Polyclonal Antibody; RABBIT ANTI ADIPONECTIN (C-TERMINAL); anti-ADIPOQ antibody

PRODUCT SPECIFICATIONS

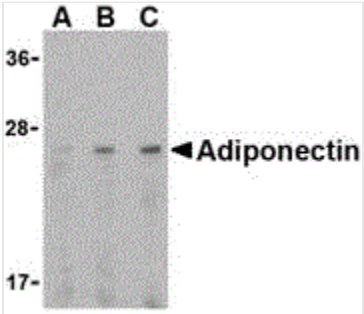
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	This item recognises an epitope within the C-terminal region (CT) of the 244 amino acid protein Adiponectin (also known as Acrp30), a major adipokine secreted into the bloodstream from adipose tissue to modulate metabolism, 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.
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	244
Applicable Applications for anti-ADIPOQ antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.02% Sodium Azide (NaN ₃)
Immunogen	A 15 amino acid peptide located near human Adiponectin carboxy-terminus. Histology Positive Control Tissue
Antiserum Preparation	Antisera to Human Adiponectin (CT) were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data
Immunohistochemical staining of rat brain with Rabbit anti Human adiponectin (AAA49910)

Application Data
Immunocytochemical staining of HL60 cells with Rabbit anti Human adiponectin (AAA49910)



Application Data
Western blot analysis of hole cell lysate from HL60 promyelocytic leukemia cells probed with Rabbit anti Human adiponectin (AAA49910) at 0.5(A), 1(B) and 2(C) ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-ADIPOQ antibody	MBS221314 recognises an epitope within the C-terminal region (CT) of the 244 amino acid protein Adiponectin (also known as Acrp30), 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	295317372
NCBI GeneID	9370
NCBI Accession #	NP_001171271.1
NCBI GenBank Nucleotide #	NM_001177800.1
UniProt Accession #	Q15848; Q58EX9
Molecular Weight	26,414 Da
NCBI Official Full Name	adiponectin
NCBI Official Synonym Full Names	adiponectin, C1Q and collagen domain containing
NCBI Official Symbol	ADIPOQ
NCBI Official Synonym Symbols	ACDC; ADPN; APM1; APM-1; GBP28; ACRP30; ADIPQTL1

NCBI Protein Information	adiponectin; 30 kDa adipocyte complement-related protein; adipocyte complement-related 30 kDa protein; adipose most abundant gene transcript 1 protein; adipose specific collagen-like factor; gelatin-binding protein 28
UniProt Protein Name	Adiponectin
UniProt Gene Name	ADIPOQ
UniProt Synonym Gene Names	ACDC; ACRP30; APM1; GBP28; ACRP30; apM-1
UniProt Entry Name	ADIPO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/adiponectin-antibody-western-blot-immunohistochemistry-flow-cytometry-elisa/49910>