

Anti-Adiponectin Picoband Antibody

Catalog # ABO11736

Product Information

Application	WB, IHC-P
Primary Accession	Q8K3R4
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for 30 kDa adipocyte complement-related protein(ADIPOQ) detection. Tested with WB, IHC-P in Mouse;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Calculated MW	26410 Da
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 μ g/ml, Mouse, Rat, By Heat Western blot, 0.1-0.5 μ g/ml, Rat
Protein Name	30 kDa adipocyte complement-related protein
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Immunogen	E.coli-derived rat Adiponectin recombinant protein (Position: I19-N244). Rat Adiponectin shares 90% amino acid (aa) sequence identity with mouse Adiponectin.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After r ° Constitution, at 4 °C for one month. It ° Can also be aliquotted and stored frozen at -20 °C for a longer time.Avoid repeated freezing and thawing.

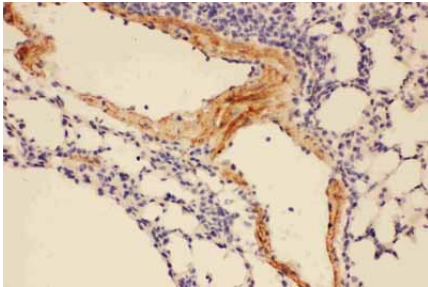
Protein Information

Background

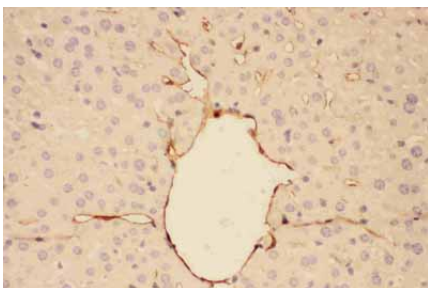
Adiponectin, also known as APM1 or ACDC, is a protein which in humans is encoded by the ADIPOQ gene. It

is mapped to chromosome 16 in a region showing homology of synteny with human 3q27. By RNase protection and Western blot analysis, it has been showed that Adiponectin is expressed by differentiated adipocytes as a 33-kD protein that is also detectable in serum. By sequence comparisons, it has been found that links between APM1 and TNF family ligands as well as to cytokines expressed by T cells. Adiponectin is a protein hormone that modulates a number of metabolic processes, including glucose regulation and fatty acid oxidation. This gene is exclusively secreted from adipose tissue (and also from the placenta in pregnancy) into the bloodstream and is very abundant in plasma relative to many hormones.

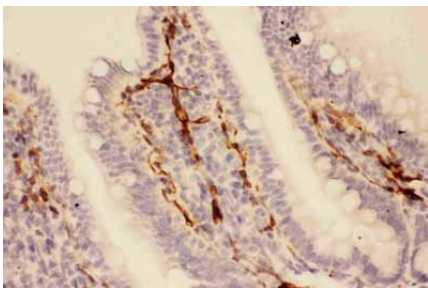
Images



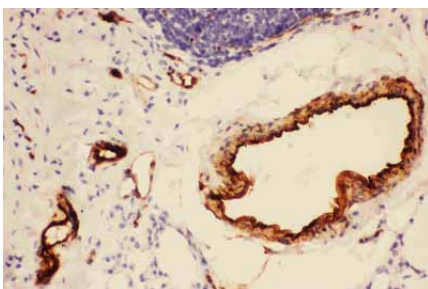
Anti-Adiponectin Picoband antibody,
ABO11736-1.JPGIHC(P): Mouse Lung Tissue



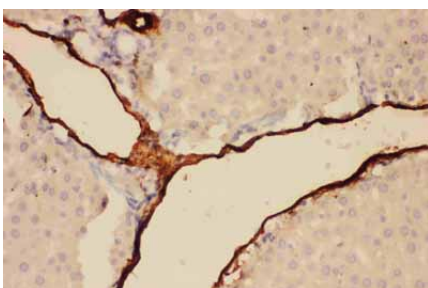
Anti-Adiponectin Picoband antibody,
ABO11736-2.JPGIHC(P): Mouse Liver Tissue



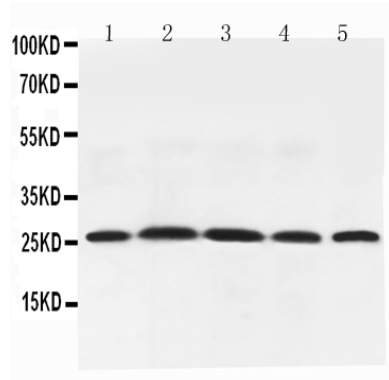
Anti-Adiponectin Picoband antibody,
ABO11736-3.JPGIHC(P): Rat Intestine Tissue



Anti-Adiponectin Picoband antibody,
ABO11736-4.JPGIHC(P): Rat Lung Tissue



Anti-Adiponectin Picoband antibody,
ABO11736-5.JPGIHC(P): Rat Liver Tissue



Anti-Adiponectin Picoband antibody, ABO11736-6.jpg
All lanes: Anti-Adiponectin(ABO11736) at 0.5ug/ml
Lane 1: Rat Testis Tissue Lysate at 40ug
Lane 2: Rat Spleen Tissue Lysate at 40ug
Lane 3: Rat Skeletal Muscle Tissue Lysate at 40ug
Lane 4: Rat Cardiac Muscle Tissue Lysate at 40ug
Lane 5: Rat Liver Tissue Lysate at 40ug
Predicted bind size: 26KD
Observed bind size: 26KD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.