

**Anti-Adiponectin Picoband Antibody**  
**Catalog # ABO11736****Specification**

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**Anti-Adiponectin Picoband Antibody - Product Information**

Application	IHC
Primary Accession	<a href="#">Q8K3R4</a>
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.

**Anti-Adiponectin Picoband Antibody - Additional Information****Calculated MW**

26410 MW KDa

**Application Details**

Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Mouse, Rat, By Heat<br><br>Western blot, 0.1-0.5 µg/ml, Rat<br>

**Protein Name**

30 kDa adipocyte complement-related protein

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg Na<sub>3</sub>.

**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.**

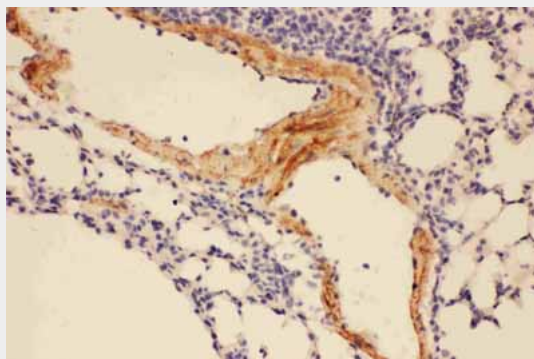
## Anti-Adiponectin Picoband Antibody - Protein Information

## Anti-Adiponectin Picoband Antibody - Protocols

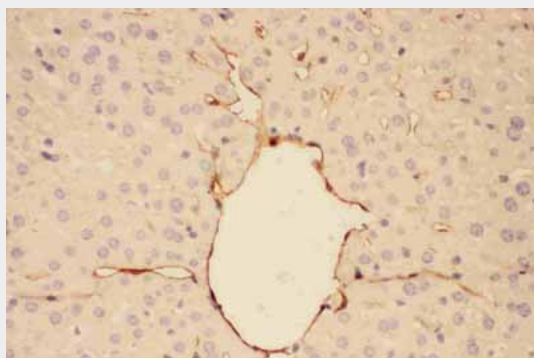
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

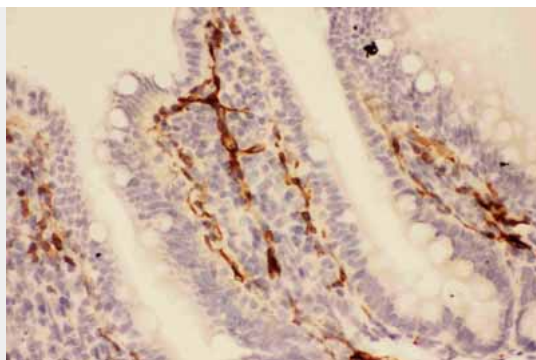
## Anti-Adiponectin Picoband Antibody - Images



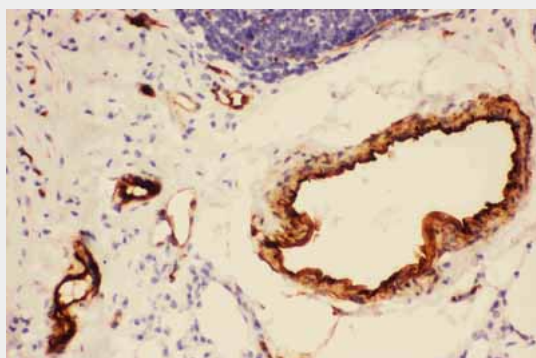
Anti-Adiponectin Picoband antibody, ABO11736-1.JPGIHC(P): Mouse Lung Tissue



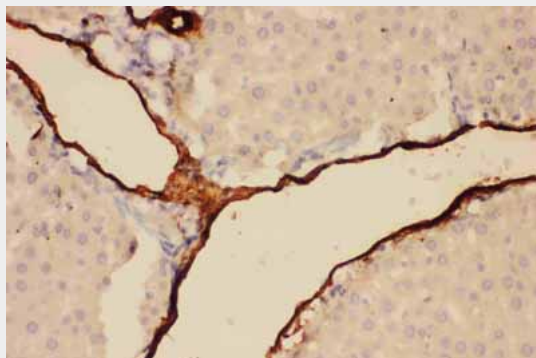
Anti-Adiponectin Picoband antibody, ABO11736-2.JPGIHC(P): Mouse Liver Tissue



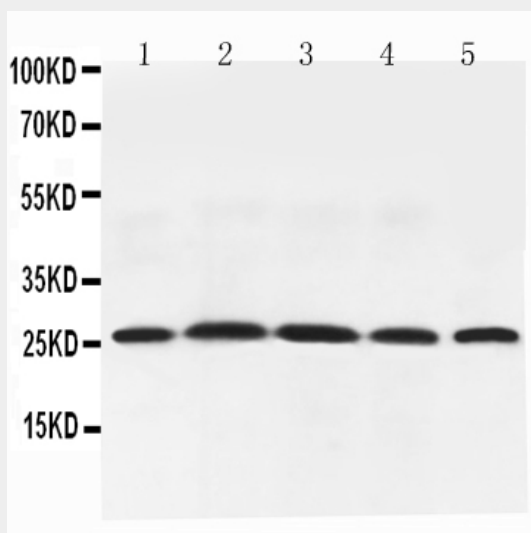
Anti-Adiponectin Picoband antibody, ABO11736-3.JPGIHC(P): Rat Intestine Tissue



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.jpgAll lanes: Anti-Adiponectin(ABO11736) at 0.5ug/mlLane 1: Rat Testis Tissue Lysate at 40ugLane 2: Rat Spleen Tissue Lysate at 40ugLane 3: Rat Skeletal Muscle Tissue Lysate at 40ugLane 4: Rat Cardiac Muscle Tissue Lysate at 40ugLane 5: Rat Liver Tissue Lysate at 40ugPredicted bind size: 26KDObserved bind size: 26KD

#### **Anti-Adiponectin Picoband Antibody - 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.