

Datasheet for ABIN6941122  
**anti-ADIPOQ antibody (AA 145-226)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µg
Target:	ADIPOQ
Binding Specificity:	AA 145-226
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ADIPOQ antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Staining Methods (StM)

## Product Details

Immunogen:	Recombinant human Adiponectin protein fragment (around aa 145-226) (exact sequence is proprietary)
Clone:	ADPN-1370
Isotype:	IgG2b kappa
Specificity:	<p>This MAb reacts with adiponectin, an adipocytokine. Adipocytokines are hormones produced in adipose tissue. Adiponectin is abundantly present in plasma and has insulin like effect on glucose levels in the blood. Plasma adiponectin levels are low in insulin resistant patients who are obese, have diabetes mellitus type 2 or HIV-lipodystrophy. In women adiponectin levels tend to be higher than in men, which may be due to androgens suppressing adiponectin levels.</p> <p>Furthermore adiponectin and leptin are both indicated in regulating body weight through direct action on the hypothalamus, influencing appetite. Obese people have low adiponectin levels</p>

## Product Details

while levels in anorexia patients are high. Adiponectin acts as ligand for various receptors, two of which have been identified, one probably involved in carbohydrate assimilation, the other in tuning the rate of metabolism.

Purification: Purified by Protein A/G

## Target Details

Target: ADIPOQ

Alternative Name: ADIPOQ ([ADIPOQ Products](#))

Molecular Weight: 26-30kDa

Gene ID: 9370

UniProt: [Q15848](#)

## Application Details

Application Notes: Positive Control: HeLa cells. Kidney.  
Known Application: Western Blot (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT) (Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

## Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

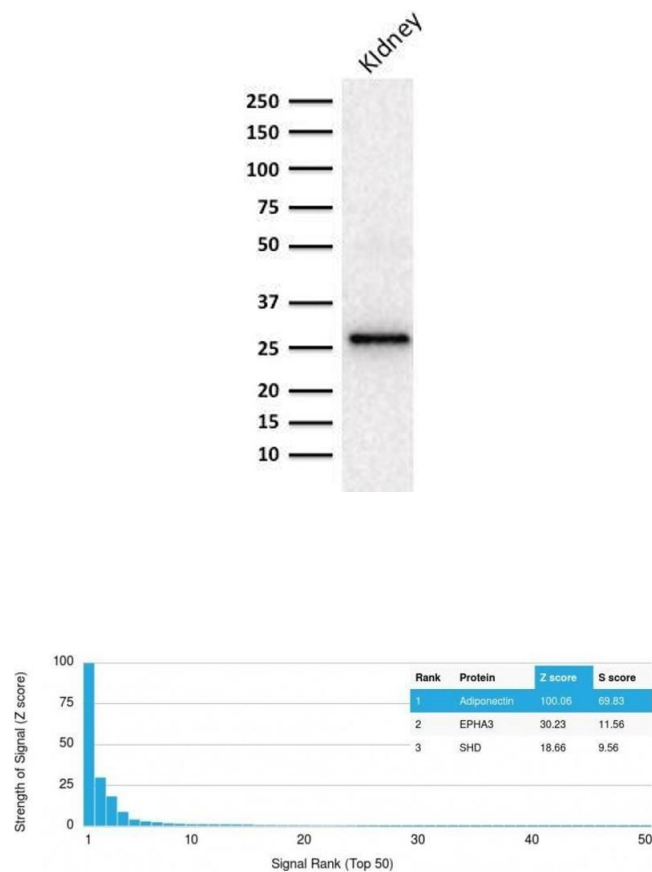
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months

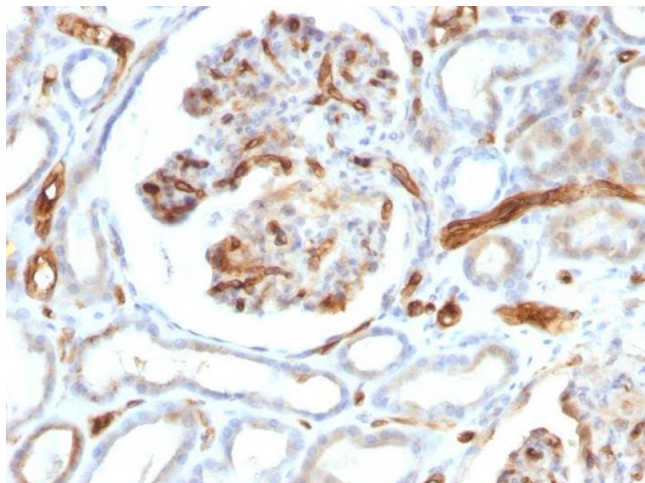


Western Blotting

**Image 1.** Western blot Analysis of human Kidney lysate using Adiponectin Mouse Monoclonal Antibody (ADPN/1370).

Protein Array

**Image 2.** Analysis of Protein Array containing more than 19,000 full-length human proteins using Adiponectin Mouse Monoclonal Antibody (ADPN/1370). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



#### Immunohistochemistry

**Image 3.** Formalin-fixed, paraffin-embedded human Kidney stained with Adiponectin Mouse Monoclonal Antibody (ADPN/1370).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6941122.