

Datasheet for ABIN1169212

**anti-ADIPOQ antibody****1** Image**1** Publication[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	ADIPOQ
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ADIPOQ antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

## Product Details

Immunogen:	Recombinant mouse adiponectin.
Clone:	MADI 1147
Isotype:	IgG1
Specificity:	Recognizes mouse adiponectin. Detects a band of ~30 kDa by Western blot.
Cross-Reactivity:	Mouse (Murine)
Cross-Reactivity (Details):	Weakly cross-reacts with human and rat adiponectin.
Sterility:	0.2 µm filtered

## Target Details

Target:	ADIPOQ
Alternative Name:	Adiponectin ( <a href="#">ADIPOQ Products</a> )

## Target Details

Background: ACRP30 was identified as a novel adipocyte-specific synthesized and secreted protein with structural resemblance to complement factor C1q. Like adipsin, ACRP30 secretion is induced ~10-fold during adipocyte differentiation. Plasma levels are reduced in obese humans, and low levels are associated with insulin-resistance. Treatment of db/db mice with TZD increased ACRP30 levels.

UniProt: [Q60994](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: 0.2µm-filtered solution in PBS, pH 7.4. Contains no preservatives.

Preservative: Without preservative

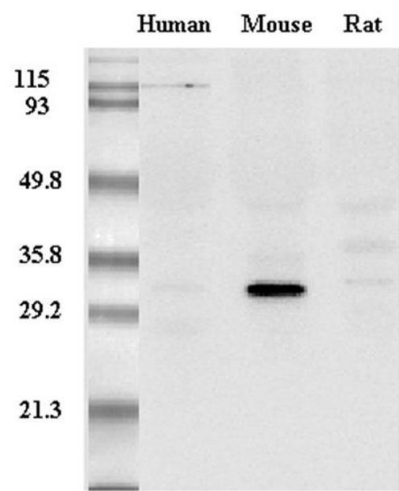
Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C  
Long Term Storage: -20°C  
Stable for at least 1 year after receipt when stored at -20°C.

Expiry Date: 12 months

## Publications

Product cited in: Sautin, Nakagawa, Zharikov, Johnson: "Adverse effects of the classic antioxidant uric acid in adipocytes: NADPH oxidase-mediated oxidative/nitrosative stress." in: **American journal of physiology. Cell physiology**, Vol. 293, Issue 2, pp. C584-96, (2007) ([PubMed](#)).



Western Blotting

**Image 1.** Western Blot analysis of adiponectin in mouse, human and rat plasma using anti-Adiponectin (mouse), mAb (MADI 1147) at 0.2µg/ml.