

# Rabbit Anti-porcine Adiponectin



## ORDERING INFORMATION

**Catalog Number:** PA3009

**Lot Number:** 1472010

**Volume:** 500uL or 200uL

**Concentration:** 1mg/mL

**Specificity:** Porcine

**Ig Type:** IgG

**Buffer:** PBS w/ 0.02% sodium azide

**pH:** 7.4

## APPLICATIONS

**ELISA:** Not Determined

**Western Blotting:** 1:200

**Immunocytochemistry:** Not Determined

**Immunohistochemistry:** 1:100

## Description

Adiponectin is a 244 amino acid protein produced primarily by adipose tissue (1). It is produced as a monomer and assembles into trimers, hexamers (LMW), and 12-36 units (HMW) multimers (2). Adiponectin has been associated with type 2 diabetes, atherosclerosis, and obesity and has demonstrated anti-diabetic, anti-inflammatory, and anti-atherogenic properties (3-5).

This antibody was developed against a KLH conjugated peptide and demonstrates membrane staining of adiponectin in porcine adipose tissue.

## Formulation

Liquid 1mg/mL of protein A purified IgG in PBS with 0.02% sodium azide

## Antigen

Synthetic Peptide  
-SV LLYLEKGDQV WLQAYGDE

## Storage

Store at -20°C  
Avoid repeated freeze-thaw cycles  
For long term storage, freeze at -70°C

## Quality Control

IH on paraffin sections of porcine adipose



IH paraffin section of porcine adipose using rabbit anti-porcine adiponectin

## References

1. Ouchi, N., et al. (2001) Circulation 103, 1057-1063
2. Schraw, T., et al. (2008) Endocrinology 149, 2270-2282
3. Ouchi, N., et al. (1999) Circulation 100, 2473-2476
4. Yamauchi, T., et al. (2001) Nature Medicine 7, 941-946
5. Yokota, T., et al. (2000) Blood 96, 1723-1732

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