

# Goat Anti-Human Adipo R1 C-Terminal Domain



## ORDERING INFORMATION

**Catalog Number:** HA3007

**Lot Number:** A1912010

**Volume:** 100uL

**Concentration:** 1mg/mL

**Specificity:** Human

**Ig Type:** IgG

**Buffer:** 10mM KHPO<sub>4</sub>, 140 mM NaCl

**pH:** 7.2

## APPLICATIONS

**ELISA:** Not Determined

**Western Blotting:** 1:1000

**Immunocytochemistry:** 1:400

**Immunohistochemistry:** 1:250

## Description

Adiponectin binds two unique receptors, Adipo R1 and Adipo R2. Both receptors are integral seven transmembrane domain receptors with a cytoplasmic residing N-terminus and extracellular C-terminus which is a reversed topology of other G protein coupled receptors (1). Adipo R1 is abundantly expressed in skeletal muscle but is also expressed on many other cells and tissues.

## Formulation

Affinity purified antibody @ 1mg/ml in 10 mM KHPO<sub>4</sub>, 140 mM NaCl with 0.1 % sodium azide

## Antigen

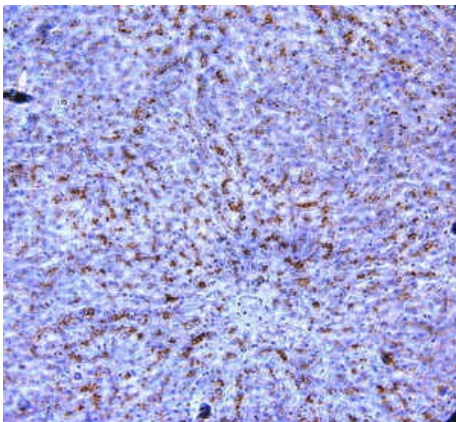
25 amino acid (aa) synthetic peptide  
VAAAFVHFYGVSNLQEFYRGLGGC corresponding to aa 345-369 of the C-terminal domain of AdipoR1

## Storage

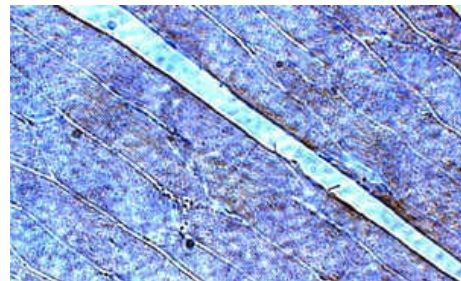
Store at -20°C  
Avoid repeated freeze-thaw cycles  
For long term storage, freeze at -70°C

## Quality Control

IH on paraffin sections of human liver and muscle



IH Paraffin section of human liver using anti-Adipo R1 C-terminal region antibody



IH paraffin section of human muscle using anti-Adipo R1 C-terminal region antibody

## References

1. Yamauchi, T. et al. (2003) Nature 423, 762-769

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