

## Anti-Adiponectin Receptor 1/ADIPOR1 Antibody Picoband® FITC Conjugated

Catalog Number: PB9418-FITC

### About ADIPOR1

ADIPOR1 is known as Adiponectin receptor protein 1. This gene encodes a protein which acts as a receptor for adiponectin, a hormone secreted by adipocytes which regulates fatty acid catabolism and glucose levels. Binding of adiponectin to the encoded protein results in activation of an AMP-activated kinase signaling pathway which affects levels of fatty acid oxidation and insulin sensitivity. A pseudogene of this gene is located on chromosome 14. Multiple alternatively spliced transcript variants have been found for this gene.

### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-Adiponectin Receptor 1/ADIPOR1 Antibody Picoband® FITC Conjugated  |
| Reactive Species     | Human, Rat  |
| Application          | Recommended applications are based on the parent unconjugated antibody (IF, ICC, WB). Customers may select suitable applications according to their experimental needs. |
| Clonality            | Polyclonal  |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .  |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.  |
| Host                 | Rabbit  |
| Uniprot ID           | Q96A54  |

### Technical Details

|                  |   |
|------------------|---|
| Immunogen        | A synthetic peptide corresponding to a sequence at the N-terminus of human ADIPOR1, different from the related mouse sequence by two amino acids. |
| Cross Reactivity | No cross-reactivity with other proteins   |
| Isotype          | Rabbit IgG  |
| Form             | Liquid  |
| Concentration    | 0.5 mg/mL   |
| Purification     | Immunogen affinity purified.  |
| Conjugate        | FITC<br>Excitation Wavelength: 495 nm<br>Emission Wavelength: 525 nm  |

Suggested Dilutions

Optimal dilutions should be determined by end users.

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