

Datasheet for ABIN670858

**anti-Adiponectin Receptor 2 antibody (AA 315-340) (FITC)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                                       |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                                |
| Target:              | Adiponectin Receptor 2 (ADIPOR2)                                                                                                                      |
| Binding Specificity: | AA 315-340                                                                                                                                            |
| Reactivity:          | Human, Mouse, Rat                                                                                                                                     |
| Host:                | Rabbit                                                                                                                                                |
| Clonality:           | Polyclonal                                                                                                                                            |
| Conjugate:           | This Adiponectin Receptor 2 antibody is conjugated to FITC                                                                                            |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                                                       |
|-----------------------|---------------------------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human Adiponectin receptor 2            |
| Isotype:              | IgG                                                                                   |
| Specificity:          | This antibody may cross react with Adiponectin receptor 1 due to sequence similarity. |
| Cross-Reactivity:     | Human, Mouse, Rat                                                                     |
| Predicted Reactivity: | Dog,Pig                                                                               |
| Purification:         | Purified by Protein A.                                                                |

## Target Details

|         |                                  |
|---------|----------------------------------|
| Target: | Adiponectin Receptor 2 (ADIPOR2) |
|---------|----------------------------------|

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | Adiponectin receptor 2 ( <a href="#">ADIPOR2 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Background:       | <p>Synonyms: PAQR2, ACDCR2, Adiponectin receptor protein 2, Progestin and adipoQ receptor family member II, ADIPOR2</p> <p>Background: Receptor for globular and full-length adiponectin (APM1), an essential hormone secreted by adipocytes that acts as an antidiabetic. Probably involved in metabolic pathways that regulate lipid metabolism such as fatty acid oxidation. Mediates increased AMPK, PPARA ligand activity, fatty acid oxidation and glucose uptake by adiponectin. Has some intermediate-affinity receptor activity for both globular and full-length adiponectin.</p> |
| Gene ID:          | 79602                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| UniProt:          | <a href="#">Q86V24</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Pathways:         | <a href="#">AMPK Signaling</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## Application Details

|                    |                                                                              |
|--------------------|------------------------------------------------------------------------------|
| Application Notes: | FCM 1:20-100<br>IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only                                                        |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |