



Anti-ADIPOR2 (aa 1-100) polyclonal antibody (DPABH-03564)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | 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. |
| Immunogen | Synthetic peptide conjugated to KLH derived from within residues 1 - 100 of Human Adiponectin Receptor 2. |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human |
| Purification | Immunogen affinity purified |
| Conjugate | Unconjugated |
| Applications | WB |
| Format | Liquid |
| Size | 100 µg |
| Buffer | pH: 7.40; Constituent: PBS |
| Preservative | 0.02% Sodium Azide |
| Storage | Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |

GENE INFORMATION

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| Gene Name | ADIPOR2 adiponectin receptor 3 [Homo sapiens] |
| Official Symbol | ADIPOR2 |
| Synonyms | ADIPOR2; adiponectin receptor 2; PAQR2; ACDCR2; adiponectin receptor protein 2; progestin and adipoQ receptor family member II; |
| Entrez Gene ID | 79602 |
| Protein Refseq | NP_078827.2 |
| UniProt ID | Q86V24 |
| Pathway | AMPK signaling; Adipocytokine signaling pathway; Non-alcoholic fatty liver disease (NAFLD); |
| Function | hormone binding; hormone binding; identical protein binding; protein heterodimerization activity |