

Adiponectin Receptor 1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250476

Unit: 0.1 mg

Description:

The adiponectin receptor protein 1 (ADIPOR1) is the receptor for globular and full-length adiponectin (APM1), an essential hormone secreted by adipocytes that acts as an antidiabetic. ADIPOR1 is involved in metabolic pathways that regulate lipid metabolism such as fatty acid oxidation. ADIPOR1 increases activity of AMPK, PPAR-alpha ligand, fatty acid oxidation and glucose uptake by adiponectin.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: B, Ck, H, Mk, M, P, Rb, R, X, Zf

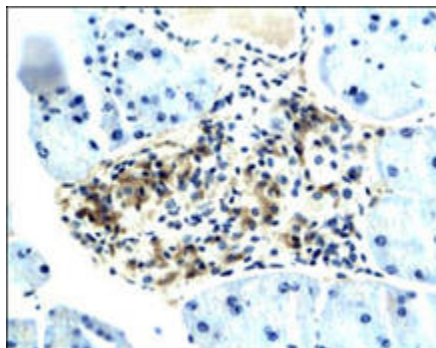
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Adiponectin receptor protein 1; Progestin and adipoQ receptor family member I; ADIPOR1; PAQR1; CGI-45

Accession No.: Q96A54

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ADIPOR1.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500



Adiponectin Receptor-1 staining in mouse pancreas. Paraffin-embedded mouse pancreas (top 5 panels) and rat placenta (bottom panel) are stained with Adiponectin Receptor-1 Antibody (Cat. No. 250476) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: Duivenvoorden W et al. 2014. PLoS One. 9(3):e90389. PMID# 24594673

For research use only, not for diagnostic or therapeutic procedures.