

Datasheet for ABIN7143427

anti-Adiponectin Receptor 1 antibody (AA 1-63) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Adiponectin Receptor 1 (ADIPOR1)
Binding Specificity:	AA 1-63
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adiponectin Receptor 1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Adiponectin receptor protein 1 protein (1-63AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Adiponectin Receptor 1 (ADIPOR1)
Alternative Name:	ADIPOR1 (ADIPOR1 Products)
Background:	Background: Receptor for ADIPOQ, an essential hormone secreted by adipocytes that regulates glucose and lipid metabolism (PubMed:25855295, PubMed:12802337). Required for normal

Target Details

glucose and fat homeostasis and for maintaining a normal body weight. ADIPOQ-binding activates a signaling cascade that leads to increased AMPK activity, and ultimately to increased fatty acid oxidation, increased glucose uptake and decreased gluconeogenesis. Has high affinity for globular adiponectin and low affinity for full-length adiponectin (By similarity).

Aliases: ACDCR1 antibody, ADIPO R1 antibody, Adiponectin receptor protein 1 antibody, ADIPOR 1 antibody, Adipor1 antibody, ADR1_HUMAN antibody, CGI 45 antibody, CGI 45 protein antibody, CGI-45 antibody, CGI45 antibody, CGI45 protein antibody, FLJ25385 antibody, FLJ42464 antibody, PAQR1 antibody, Progestin and adipoQ receptor family member I antibody, TESBP1A antibody

UniProt: [Q96A54](#)

Pathways: [AMPK Signaling](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.