

A18045

Leader in Biomolecular Solutions for Life Science



[KO Validated] ADIPOR1 Rabbit pAb

Catalog No.: A18045 **KO** Validated

Basic Information

Observed MW

43kDa

Calculated MW

43kDa

Category

Mouse Monoclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

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.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

51094

Swiss Prot

Q96A54

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 276-375 of human ADIPOR1 (NP_057083.2).

Synonyms

CGI45; PAQR1; ACDCR1; CGI-45; TESBP1A; R1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

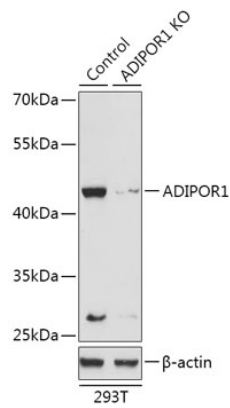
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts from normal (control) and ADIPOR1 knockout (KO) 293T cells, using ADIPOR1 antibody (A18045) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.