

[KO Validated] ADIPOR1 Rabbit pAb

Catalog No.: A18045 **KO** Validated

Basic Information

Catalog No.

A18045

Observed MW

43kDa

Calculated MW

42kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB 1:500 - 1:2000

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.

Immunogen Information

Gene ID

51094

Swiss Prot

Q96A54

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-136 of human ADIPOR1 (NP_057083.2).

Synonyms

ADIPOR1;ACDCR1;CGI-45;CGI45;PAQR1;TESBP1A

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

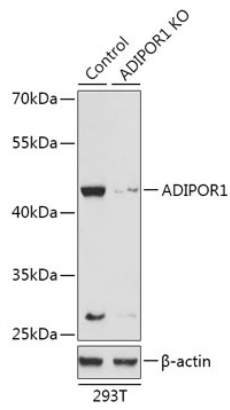
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 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: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.