

ADIPOR2 Polyclonal Antibody

Catalog number: 14361-1-AP

Size: 20 µg/150 µl

Source: Rabbit

Isotype: IgG

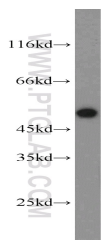
Synonyms:

ADIPOR2; ACDCR2,

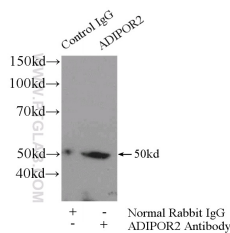
adiponectin receptor 2,

Adiponectin receptor protein 2,

ADIPOR2, FLJ21432, PAQR2



L02 cells were subjected to SDS PAGE followed by western blot with 14361-1-AP (ADIPOR2 antibody) at dilution of 1:500



IP Result of anti-ADIPOR2 (IP:14361-1-AP, 4µg; Detection:14361-1-AP 1:500) with HeLa cells lysate 2800µg.

Background

Adiponectin is a hormone secreted by adipocytes that acts as an antidiabetic and anti-atherogenic adipokine. Two receptors for adiponectin (ADIPOR1 and ADIPOR2) have been identified. They mediate increased AMPK, MAPK and PPARA ligand activity in response to adiponectin. AdipoR1 is abundantly expressed in skeletal muscle, whereas AdipoR2 is predominantly expressed in the liver. The human ADIPOR2 gene maps to chromosome 12p13.31, and encodes a 386-amino acid protein with a molecular weight of 44 kDa.

Applications

Tested applications:	ELISA, WB, IP
Cited applications:	IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Rat
Calculated ADIPOR2 MW:	44 kDa
Observed ADIPOR2 MW:	44-50 kDa
Positive WB detected in	L02 cells, HeLa cells, mouse uterus tissue
Positive IP detected in	HeLa cells
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag5744
GenBank accession number:	BC051858
Gene ID (NCBI):	79602
Full name:	Adiponectin receptor 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.