For Research Use Only

Adiponectin receptor 1 Monoclonal antibody

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Catalog Number:66619-1-Ig Featured Product 6 Publications

Basic Information

Catalog Number:
66619-1-Ig

Size:
1900 μg/ml

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG18187

GenBank Accession Number:
BC010743

GeneID (NCBI):
51094

UNIPROT ID:
Q96A54

Full Name:
adiponectin receptor 1

Calculated MW:
375 aa, 43 kDa

Observed MW:
43 kDa

Purification Method:
Protein G purification

CloneNo.:
1F12B3

Recommended Dilutions:
WB 1:1000-1:6000

Applications

Tested Applications:
WB, ELISA

Cited Applications:
WB

Species Specificity:
Human

Cited Species:
human, mouse, pig

Positive Controls:

WB : HeLa cells, HEK-293 cells, L02 cells, HepG2 cells

Background Information

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 ADIPOR1 gene maps to chromosome 1q32.1, and encodes a 375-amino acid protein with a molecular weight of 43 kDa. This antibody was raised against 1-72aa of human AdipoR1.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaoling Chen	34543141	Anim Biotechnol	WB
Xin Li	34019043	Food Funct	WB
Lu Xiang	33703997	Anim Biotechnol	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
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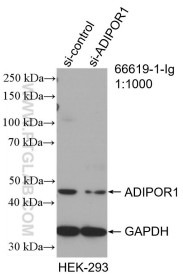
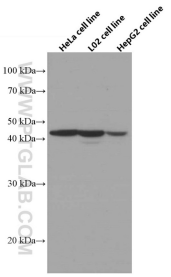
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



WB result of Adiponectin receptor 1 antibody (66619-1-Ig; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Adiponectin receptor 1 transfected HEK-293 cells.



HeLa cells, L02 cells, and HepG2 cells were subjected to SDS PAGE followed by western blot with 66619-1-Ig (Adiponectin receptor 1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.