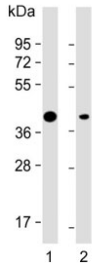
Adiponectin Receptor 2 Antibody / ADIPOR2 (F54293)

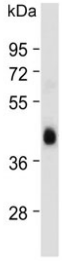
Catalog No.	Formulation	Size
F54293-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54293-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

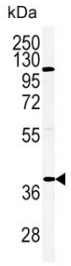
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q86V24
Applications	Western Blot : 1:500-1:2000 Immunofluorescence : 1:25 Flow Cytometry : 1:25 (1x10e6 cells)
Limitations	This Adiponectin Receptor 2 antibody is available for research use only.



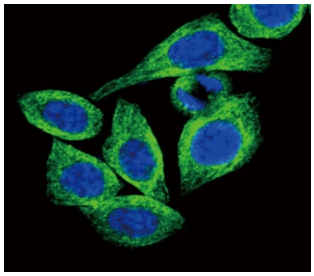
Western blot testing of human 1) U-251 and 2) U-2 OS cell lysate with Adiponectin Receptor 2 antibody. Predicted molecular weight ~44 kDa.



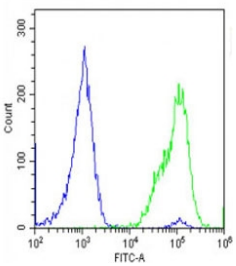
Western blot testing of human liver lysate with Adiponectin Receptor 2 antibody. Predicted molecular weight ~44 kDa.



Western blot testing of human HeLa cell lysate with Adiponectin Receptor 2 antibody. Predicted molecular weight ~44 kDa.



Immunofluorescent staining of fixed and permeabilized human HeLa cells with Adiponectin Receptor 2 antibody (green) and DAPI nuclear stain (blue).



Flow cytometry testing of fixed and permeabilized human U-2 OS cells with Adiponectin Receptor 2 antibody; Blue=isotype control, Green= Adiponectin Receptor 2 antibody.

Description

The adiponectin receptors ADIPOR1 and ADIPOR2 serve as receptors for globular and full-length adiponectin and mediate increased AMPK and PPAR-alpha ligand activities, as well as fatty acid oxidation and glucose uptake by adiponectin.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Adiponectin Receptor 2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 45-72 from the human protein were used as the immunogen for the Adiponectin Receptor 2 antibody.

Storage

Aliquot the Adiponectin Receptor 2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.