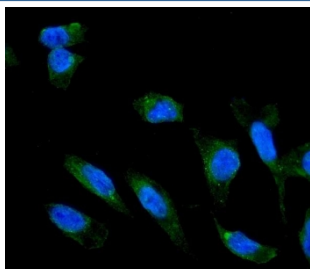


## ADIPOR1 Antibody (R32299)

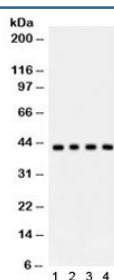
Catalog No.	Formulation	Size
R32299	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>UniProt</b>	Q96A54
<b>Applications</b>	Western Blot : 0.1-0.5ug/ml Immunofluorescence (FFPE) : 2-4ug/ml
<b>Limitations</b>	This ADIPOR1 antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with ADIPOR1 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) rat thymus, 2) rat testis, 3) human MCF7 and 4) A549 lysate with ADIPOR1 antibody. Expected/observed molecular weight ~43 kDa.

## Description

ADIPOR1 is known as Adiponectin receptor protein 1. 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.

## Application Notes

Optimal dilution of the ADIPOR1 antibody should be determined by the researcher.

## Immunogen

Amino acids EQTCPVPQEEEEVRLTLPLQAHAME of human ADIPOR1 were used as the immunogen for the ADIPOR1 antibody.

## Storage

After reconstitution, the ADIPOR1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.