

Product Datasheet

ADIPOR2 Antibody (Center) (orb1930664)

Catalog Number	orb1930664
Category	Antibodies
Description	Affinity Purified Rabbit Polyclonal Antibody (Pab)
Target	ADIPOR2 (HGNC:24041)
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Immunogen	This ADIPOR2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 45-72 amino acids from the Central region of human ADIPOR2. Antigen Region: 45-72 aa.
UniProt ID	Q86V24
MW	43884 Da
Tested applications	FC, IF, WB
Dilution range	IF - 1:10-50, WB - 1:1000, FC - 1:25

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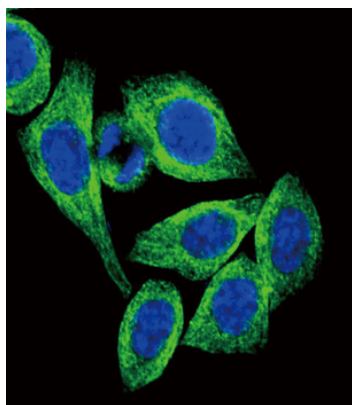
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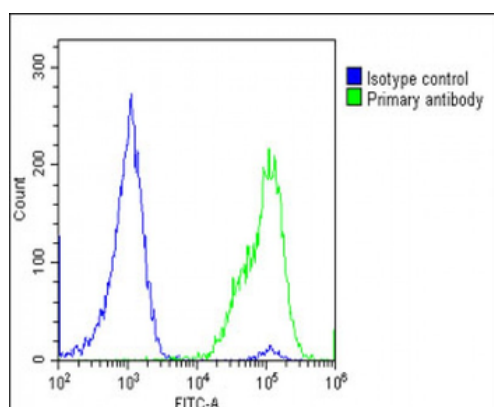
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_078827.2
Expiration Date	12 months from date of receipt.



Confocal immunofluorescent analysis of ADIPOR2 Antibody (Center) with Hela cell followed by Alexa Fluor 489-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



Overlay histogram showing U-2 OS cells stained (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10⁶ cells) used under the same conditions. Acquisition of > 10000 events was performed.

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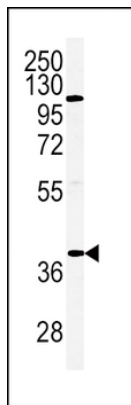
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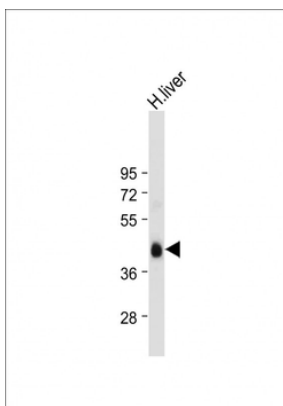
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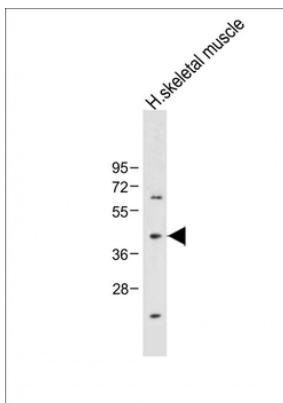
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Western blot analysis of ADIPOR2 Antibody (Center) in Hela cell line lysates (35 ug/lane).ADIPOR2 (arrow) was detected using the purified Pab.



Anti-ADIPOR2 Antibody (Center) at 1:1000 dilution + Human liver tissue lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 44 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-ADIPOR2 Antibody (Center) at 1:1000 dilution + Human skeletal muscle tissue lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 44 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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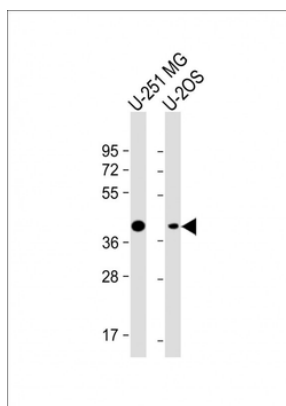
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All lanes: Anti-ADIPOR2 Antibody (Center) at 1:2000 dilution.
Lane 1: U-251 MG whole cell lysate. Lane 2: U-2OS whole cell lysate. Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 44 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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