

Product Datasheet

AdipoR1 Antibody (SC69-04)

NBP2-67631

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 6

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NBP2-67631

AdipoR1 Antibody (SC69-04)

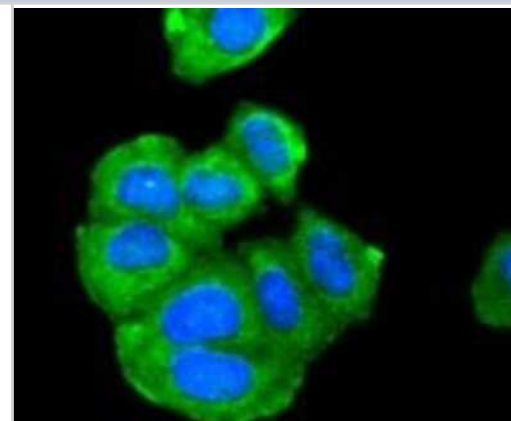
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SC69-04
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit AdipoR1 Antibody (SC69-04) (NBP2-67631) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-AdipoR1 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	51094
Gene Symbol	ADIPOR1
Species	Human, Mouse, Rat, Zebrafish
Immunogen	Synthetic peptide within Human AdipoR1 aa 5-54 / 375. (SwissProt: Q96A54 Human; SwissProt: Q91VH1 Mouse; Unigene:104556 Rat)

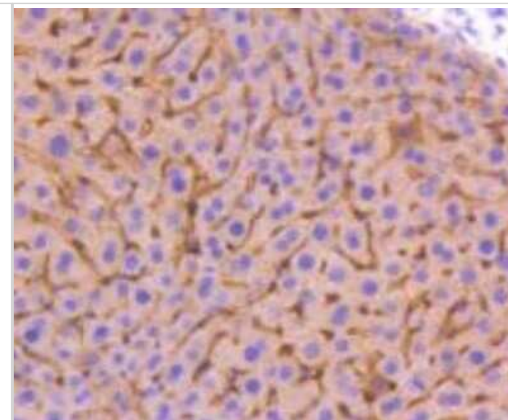
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	Use in WB reported in scientific literature (PMID:33581653)

Images

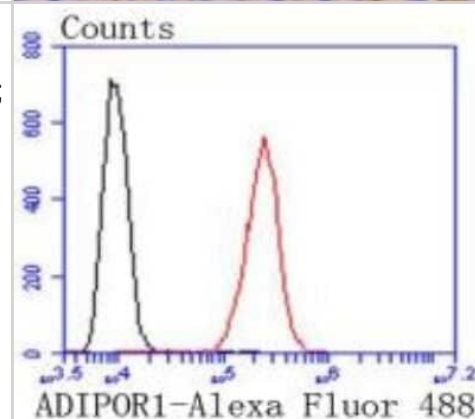
Immunocytochemistry/Immunofluorescence: AdipoR1 Antibody (SC69-04) [NBP2-67631] - Staining ADIPOR1 in LO2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



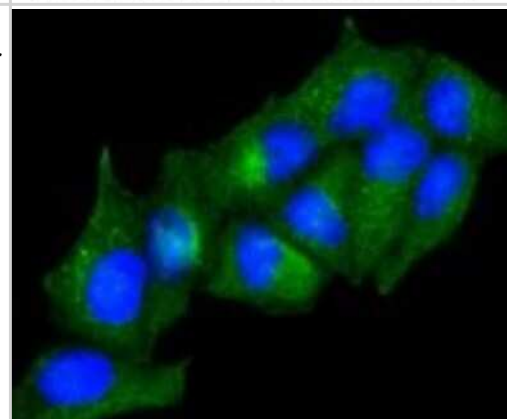
Immunohistochemistry-Paraffin: AdipoR1 Antibody (SC69-04) [NBP2-67631] - Analysis of paraffin-embedded mouse liver tissue using anti-ADIPOR1 antibody. Counter stained with hematoxylin.



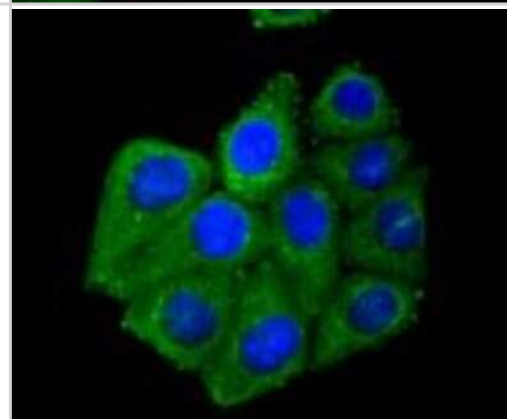
Flow Cytometry: AdipoR1 Antibody (SC69-04) [NBP2-67631] - Analysis of HepG2 cells with ADIPOR1 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



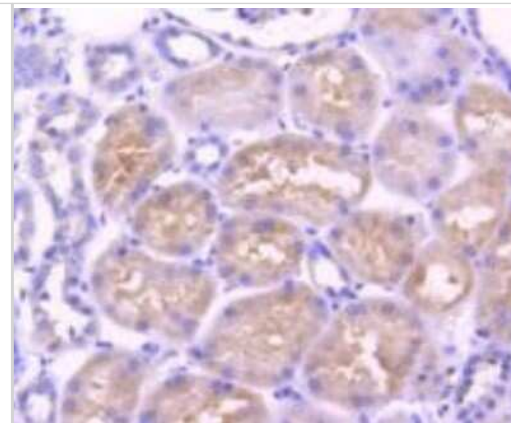
Immunocytochemistry/Immunofluorescence: AdipoR1 Antibody (SC69-04) [NBP2-67631] - Staining ADIPOR1 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunocytochemistry/Immunofluorescence: AdipoR1 Antibody (SC69-04) [NBP2-67631] - Staining ADIPOR1 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: AdipoR1 Antibody (SC69-04) [NBP2-67631] - Analysis of paraffin-embedded human kidney tissue using anti-ADIPOR1 antibody. Counter stained with hematoxylin.



Publications

Liu Y, Liu X, Lv J et al. Heterochronic parabiosis uncovers AdipoR1 as a critical player in retinal rejuvenation. *Science advances* 2025-07-16 [PMID: 40668916]

Qiu W, Wang Z, Chen Z, Sun Q et al. The adiponectin receptor agonist AdipoAI attenuates periodontitis in diabetic rats by inhibiting gingival fibroblast-induced macrophage migration *Br J Pharmacol* 2023-05-05 [PMID: 37143319]

Volkmar N, Gawden-Bone CM, Williamson JC et al. Regulation of membrane fluidity by RNF145-triggered degradation of the lipid hydrolase ADIPOR2 *The EMBO journal* 2022-08-22 [PMID: 35993436] (WB, Human)

Schaffer A, Ducza E, Bodi N et al. The ontogenies of endometrial and myometrial leptin and adiponectin receptors in pregnant rats: Their putative impact on uterine contractility *Life sciences* 2022-05-15 [PMID: 35271883] (IF/IHC, Rat)

Ma C, Wang Z, Xia R et al. Danthron ameliorates obesity and MAFLD through activating the interplay between PPAR alpha/RXR alpha heterodimer and adiponectin receptor 2 *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie* 2021-02-12 [PMID: 33581653] (WB, Mouse, Human)

Yang S, Ma C, Wu H et al. Tectorigenin attenuates diabetic nephropathy by improving vascular endothelium dysfunction through activating AdipoR1/2 pathway *Pharmacol. Res.* 2020-01-31 [PMID: 32014572] (WB, IHC-P, Mouse)



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Products Related to NBP2-67631

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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