

# 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: 4

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**NBP2-67631**

AdipoR1 Antibody (SC69-04)

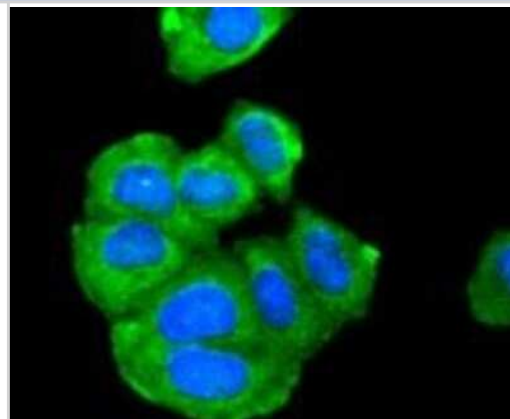
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SC69-04
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
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)

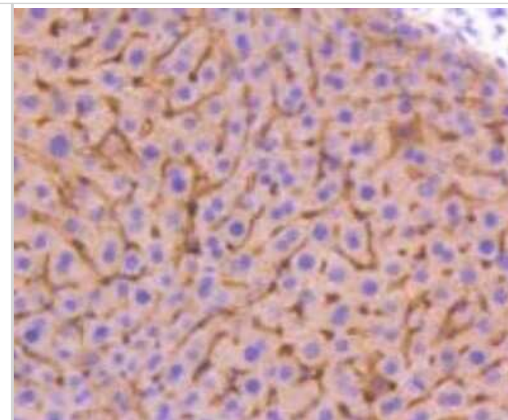
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin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

**Images**

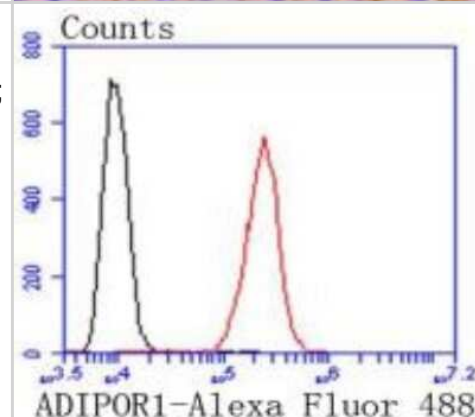
Immunocytochemistry/Immunofluorescence: AdipoR1 Antibody (SC69-04) [NBP2-67631] - Staining ADIPOR1 in LO2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



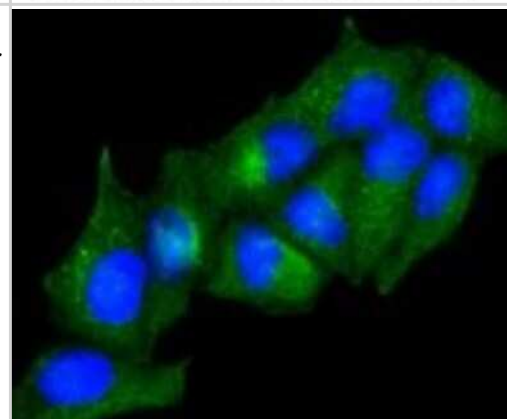
Immunohistochemistry-Paraffin: AdipoR1 Antibody (SC69-04) [NBP2-67631] - Analysis of paraffin-embedded mouse liver tissue using anti-ADIPOR1 antibody. Counter stained with hematoxylin.



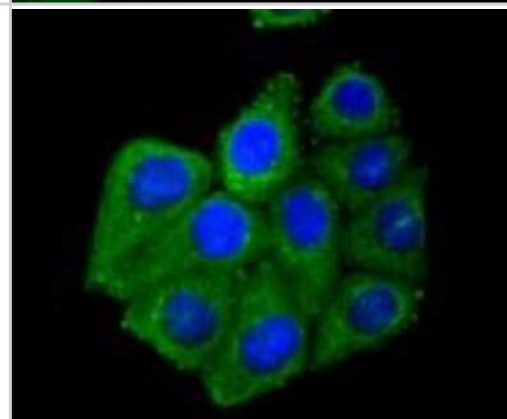
Flow Cytometry: AdipoR1 Antibody (SC69-04) [NBP2-67631] - Analysis of HepG2 cells with ADIPOR1 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



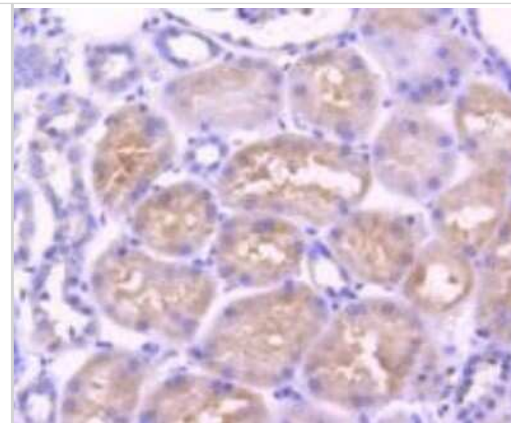
Immunocytochemistry/Immunofluorescence: AdipoR1 Antibody (SC69-04) [NBP2-67631] - Staining ADIPOR1 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



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

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**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00051094-Q01-10ug	Recombinant Human AdipoR1 GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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