

Product Datasheet

SREBP2 Antibody NB100-74543

Unit Size: 100ug

Store at -20C. Avoid freeze-thaw cycles.

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NB100-74543**SREBP2 Antibody**

Product Information	
Unit Size	100ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS with 1 mg/ml BSA

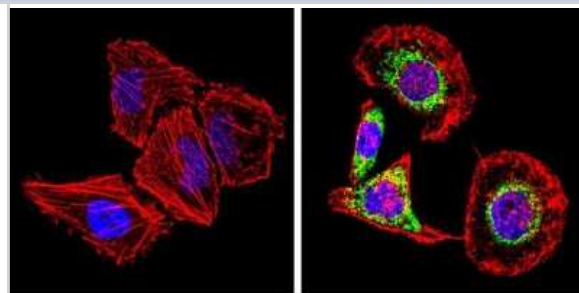
Product Description	
Host	Rabbit
Gene ID	6721
Gene Symbol	SREBF2
Species	Human, Mouse, Rat
Reactivity Notes	Mouse reactivity reported in scientific literature (see J Biol Chem. 2007 Mar).
Specificity/Sensitivity	SREBP2
Immunogen	Synthetic peptide corresponding to residues A(843) I S W L Q G D D A A V R S H(857) of rat SREBP 2.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:100 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:20 - 1:200

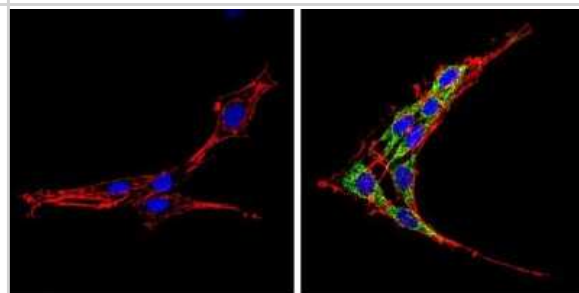


Images

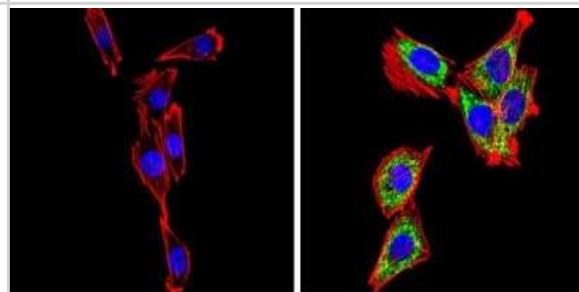
Immunocytochemistry/Immunofluorescence: SREBP2 Antibody [NB100-74543] - Analysis of SREBP2 (green) showing staining in the cytoplasm of HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with a SREBP2 polyclonal antibody in 3% BSA-PBS at a dilution of 1:100 and incubated overnight at 4C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight-conjugated secondary antibody in PBS at room temperature in the dark. F-actin (red) was stained with a fluorescent red phalloidin and nuclei (blue) were stained with Hoechst or DAPI.



Immunocytochemistry/Immunofluorescence: SREBP2 Antibody [NB100-74543] - Analysis of SREBP2 (green) showing staining in the cytoplasm of PC12 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with a SREBP2 polyclonal antibody in 3% BSA-PBS at a dilution of 1:100 and incubated overnight at 4C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight-conjugated secondary antibody in PBS at room temperature in the dark. F-actin (red) was stained with a fluorescent red phalloidin and nuclei (blue) were stained with Hoechst or DAPI.



Immunocytochemistry/Immunofluorescence: SREBP2 Antibody [NB100-74543] - Analysis of SREBP2 (green) showing staining in the cytoplasm of L6 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with a SREBP2 polyclonal antibody in 3% BSA-PBS at a dilution of 1:100 and incubated overnight at 4C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight-conjugated secondary antibody in PBS at room temperature in the dark. F-actin (red) was stained with a fluorescent red phalloidin and nuclei (blue) were stained with Hoechst or DAPI.



Publications

Ladraa S, Zerbib L, Bayard C et al. PIK3CA gain-of-function mutation in adipose tissue induces metabolic reprogramming with Warburg-like effect and severe endocrine disruption Science advances 2022-12-09 [PMID: 36490341]

Thapa K, Kadiri JJ, Saukkonen K et al. Melanocortin 1 receptor regulates cholesterol and bile acid metabolism in the liver eLife 2023-07-25 [PMID: 37490042] (WB, Human)

Palma GBH, Kaur M miRNA-128 and miRNA-223 regulate cholesterol-mediated drug resistance in breast cancer IUBMB life 2023-04-18 [PMID: 37070323] (WB, Human)

Plebanek, MP;Xue, Y;Nguyen, YV;DeVito, NC;Wang, X;Holtzhausen, A;Beasley, GM;Yarla, N;Thievanthiran, B;Hanks, BA; A SREBF2-dependent gene program drives an immunotolerant dendritic cell population during cancer progression bioRxiv : the preprint server for biology 2023-04-28 [PMID: 37162965] (Western Blot, Mouse)

Burda JE, O'Shea TM, Ao Y et al. Divergent transcriptional regulation of astrocyte reactivity across disorders Nature 2022-05-25 [PMID: 35614216] (IHC-Fr, Mouse)

Hori M, Hasegawa y, Hayashi y et al. Acute Cholesterol-Lowering Effect of Exendin-4 in Ldlr-/- and C57BL/6J Mice Journal of atherosclerosis and thrombosis 2022-03-19 [PMID: 35314564] (WB, Mouse)

Hamada K, Wang P, Xia Y et al. Withaferin A alleviates ethanol-induced liver injury by inhibiting hepatic lipogenesis Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association 2022-01-04 [PMID: 34995708] (WB, Mouse)

Quiroz-Figueroa K, Vitali C, Conlon DM Et al. TRIB1 regulates LDL metabolism through CEBP alpha-mediated effects on the LDL receptor in hepatocytes The Journal of clinical investigation 2021-11-15 [PMID: 34779419] (WB, Mouse)

Chu Tt, Tu X, Yang K Et Al. Tonic prime-boost of STING signalling mediates Niemann-Pick disease type C Nature 2021-07-21 [PMID: 34290407]

Beehler K MiR-1908 Is a Cholesterol Responsive MicroRNA Implicated In Cholesterol Regulation Thesis 2020-01-01 (WB, Human)

Nguyen TTT, Ishida CT, Shang E et al. Activation of LXR Receptors and Inhibition of TRAP1 Causes Synthetic Lethality in Solid Tumors Cancers (Basel) 2019-06-07 [PMID: 31181660]

Sharma B, Gupta V, Dahiya D et al. Clinical relevance of cholesterol homeostasis genes in colorectal cancer Biochim Biophys Acta Mol Cell Biol Lipids 2019-06-13 [PMID: 31202724] (WB, Human)

More publications at <http://www.novusbio.com/NB100-74543>





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Products Related to NB100-74543

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00006721-Q01-10ug	Recombinant Human SREBP2 GST (N-Term) Protein

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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