

Product Datasheet

SREBP1 Antibody (2A4) - Azide and BSA Free NBP2-80959

Unit Size: 0.1 ml

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

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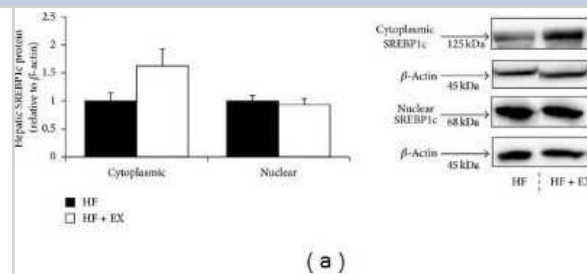
NBP2-80959

SREBP1 Antibody (2A4) - Azide and BSA Free

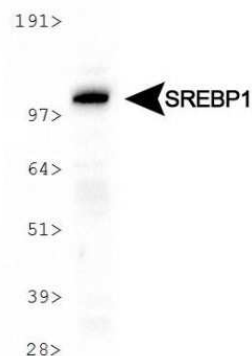
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2A4
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	6720
Gene Symbol	SREBF1
Species	Human, Mouse, Rat, Canine, Chicken, Hamster, Monkey, Golden Syrian Hamster
Reactivity Notes	Canine reactivity reported in scientific literature (PMID: 23720350). Hamster reactivity reported in scientific literature (PMID: 24393244). Chicken reactivity reported in multiple pieces scientific literature. Monkey reactivity reported in scientific literature (PMID: 26437365).
Immunogen	6 His-tag fusion protein of human SREBP1 corresponding to amino acids 301-407. [UniProt# P36956]
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1-2ug/ml, Simple Western : 1:12.5, Immunohistochemistry, Knockout Validated
Application Notes	<p>This SREBP1 (clone 2A4) antibody is useful for WB where a band can be seen at 125 kDa (precursor) and additional bands may be seen at 60-70 kDa (cleaved).</p> <p>In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. Separated by Size-Wes, Sally Sue/Peggy Sue.</p>

Images

Western Blot: SREBP1 Antibody (2A4) - Azide and BSA Free [NBP2-80959] - Hepatic SREBP1c and SREBP2 protein abundance in C57BL/6 mice assigned to a high-fat (HF) or a high-fat/exercise (HF + EX) group for 8 weeks. Cytosolic and nuclear SREBP1c abundance. Image collected and cropped by CiteAb from the following publication (<http://www.hindawi.com/journals/jl/2013/908048/>), licensed under a CC-BY license. Image from the standard format of this antibody.



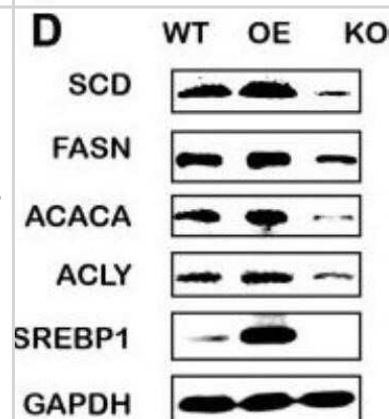
Western Blot: SREBP1 Antibody (2A4) - Azide and BSA Free [NBP2-80959] - Analysis of whole cell lysate from HeLa cells showing a single specific band for the expression of SREBP1 precursor protein (~120 kDa). Image from the standard format of this antibody.



Simple Western: SREBP1 Antibody (2A4) - Azide and BSA Free [NBP2-80959] - Lane view shows a specific band for SREBP1 in 1.0 mg/ml of HeLa lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system. Image from the standard format of this antibody.



Knockout Validated: SREBP1 Antibody (2A4) - Azide and BSA Free [NBP2-80959] - KO and OE of SREBP1 influenced lipid metabolism in Bel-7402 cells. The protein level of lipid-associated genes in SREBP1-KO, SREBP1-OE, and WT Bel-7402 cells. Data were expressed as mean \pm standard error of the mean. * $P < 0.05$, ** $P < 0.01$, and *** $P < 0.001$ vs. WT group, respectively. Image from the standard format of this antibody.





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Products Related to NBP2-80959

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NB100-2215PEP	SREBP1 Antibody Blocking Peptide

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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