

Product Datasheet

SREBP1 Antibody NB100-74542

Unit Size: 100ug

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

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NB100-74542

SREBP1 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

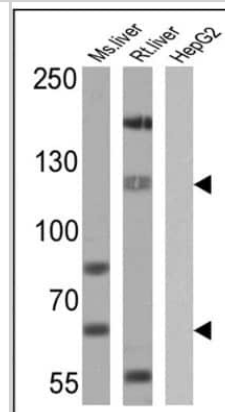
Product Description	
Host	Rabbit
Gene ID	6720
Gene Symbol	SREBF1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide corresponding to residues M(32) L Q L I N N Q D S D F P G L F(47) of mouse SREBP 1.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500 - 1:5000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50 - 1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	WB: Detects an approx. 68 and 120 kDa protein representing SREBP 1 in mouse and rat liver samples as well as rat kidney samples. A predominant band at ~68 kDa (active cleaved site) is seen and a band at ~120 kDa (inactive precursor) may not be seen or it may be diminished.

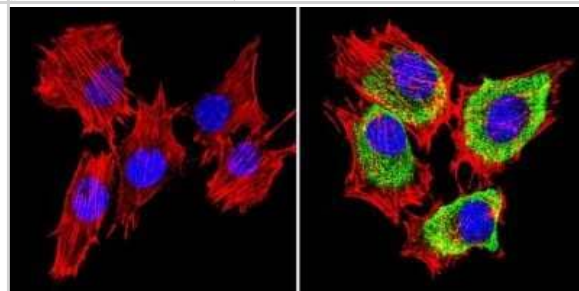


Images

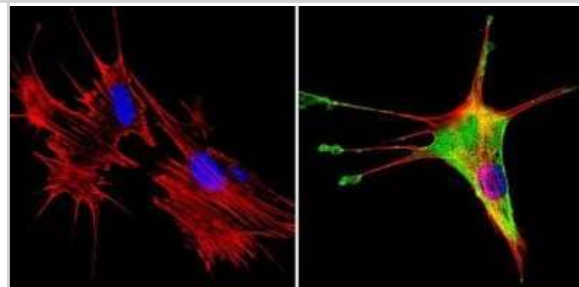
Western Blot: SREBP1 Antibody [NB100-74542] - Analysis of 25 ug of mouse liver (lane 1), rat liver (lane 2) and HepG2 (lane 3) cell lysates onto an SDS polyacrylamide gel.



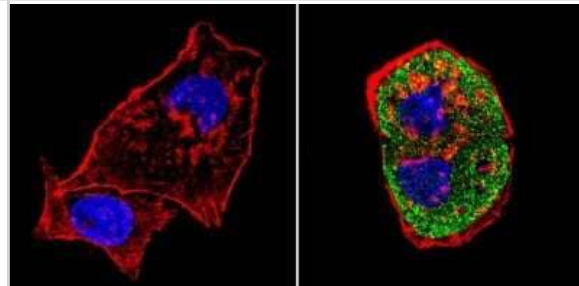
Immunocytochemistry/Immunofluorescence: SREBP1 Antibody [NB100-74542] - Analysis of SREBP1 (green) showing staining in the cytoplasm of C2C12 cells (right) compared to a negative control without primary antibody (left).



Immunocytochemistry/Immunofluorescence: SREBP1 Antibody [NB100-74542] - Analysis of SREBP1 (green) showing staining in the cytoplasm of NIH-3T3 cells (right) compared to a negative control without primary antibody (left).



Immunocytochemistry/Immunofluorescence: SREBP1 Antibody [NB100-74542] - Analysis of SREBP1 (green) showing staining in the cytoplasm of HepG2 cells (right) compared to a negative control without primary antibody (left).



Publications

Dahlhoff C, Worsch S, Sailer M et al. Methyl-donor supplementation in obese mice prevents the progression of NAFLD, activates AMPK and decreases acyl-carnitine levels Mol Metab. 2014-08-01 [PMID: 25061561] (WB, Mouse)

Details:

BHMT antibody used for WB on liver tissue lysates of eight week-old male C57BL/6NCrI mice subjected to the following dietary regimns - control, high-fat, , control/methyl-donor supplemented group/CMS and high fat methyl-donor supplemented/HFMS animals (Figure 4).





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Products Related to NB100-74542

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB100-60545PEP	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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