

# Product Datasheet

## SREBP2 Antibody - BSA Free

### NBP1-71880

Unit Size: 100 ul

Store at 4C. Do not freeze.

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**NBP1-71880**

SREBP2 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

**Product Description**

<b>Host</b>	Rabbit
<b>Gene ID</b>	6721
<b>Gene Symbol</b>	SREBF2
<b>Species</b>	Human, Mouse, Zebrafish
<b>Reactivity Notes</b>	Zebrafish reactivity reported in scientific literature (PMID: 24057001). Use in Mouse reported in scientific literature (PMID:28546220).
<b>Immunogen</b>	The immunogen for this product maps to a region between residue 300 and 350 of human Sterol Regulatory Element Binding Transcription Factor 2 using the numbering given in entry NP_004590.2 (GenelD 6721).

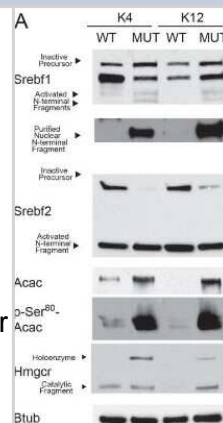
**Product Application Details**

<b>Applications</b>	Western Blot, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:5000, Immunoprecipitation 2- 10 ug/mg lysate

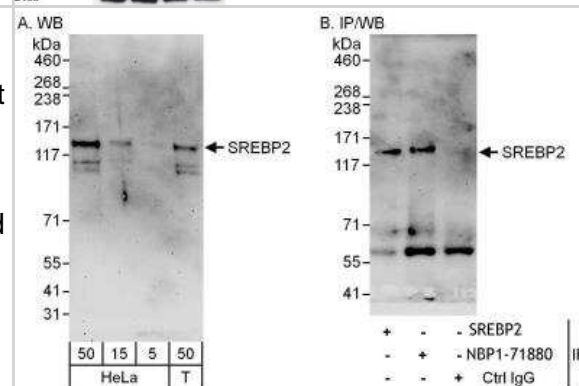


## Images

**Western Blot: SREBP2 Antibody [NBP1-71880] - Activation of Srebf pathways in slc16a6a mutant livers.** After 45 days of feeding wild-type (WT) and mutant (MUT) animals ketogenic diets (K4 or K12), livers were harvested and analyzed. Immunoblot analysis of Srebf1, Srebf2, Acac, phospho-Ser80 Acac, Hmgcr and Btub (beta-tubulin) (five livers pooled per lane). For Srebf1, an additional nuclear isolation is shown (bottom) because maturation of this transcription factor is not as striking in whole lysates as it is for Srebf2. Image collected and cropped by CiteAb from the following publication (<https://dmm.biologists.org/cgi/doi/10.1242/dmm.013425>), licensed under a CC-BY license.



**Immunoprecipitation: SREBP2 Antibody [NBP1-71880] - Samples:** Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) and 293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-SREBP2 antibody used for WB at 0.4 ug/ml (A) and 1 ug/ml (B) and used for IP at 6 ug/mg lysate. SREBP2 was also immunoprecipitated by rabbit anti-SREBP2 antibody, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).



## Publications

Sun L, Yang X et al. Activation of Adiponectin Receptor Regulates Proprotein Convertase Subtilisin/Kexin Type 9 Expression and Inhibits Lesions in ApoE-Deficient Mice. *Arterioscler Thromb Vasc Biol* 2017-01-07 [PMID: 28546220] (WB, Mouse, Human)

Karanth S, Tran VM, Kuberan B, Schlegel A. Polyunsaturated fatty acyl-coenzyme As are inhibitors of cholesterol biosynthesis in zebrafish and mice. *Dis Model Mech*. 2013-11-01 [PMID: 24057001] (WB, Zebrafish)



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### **Products Related to NBP1-71880**

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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
H00006721-Q01-10ug	Recombinant Human SREBP2 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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