

Rabbit SREBF1 Polyclonal Antibody | anti-SREBF1 antibody

SREBF1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201704	Rabbit	Cow, Goat, Horse, Human, Mouse, Rat	Immunohistochemistry, Western Blot

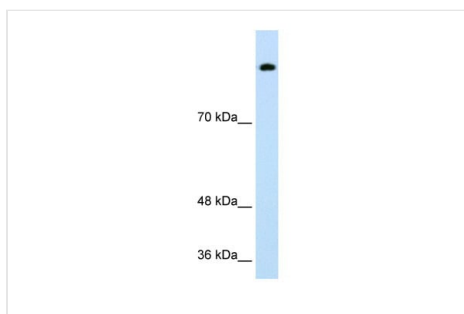
PRODUCT SYNONYMS

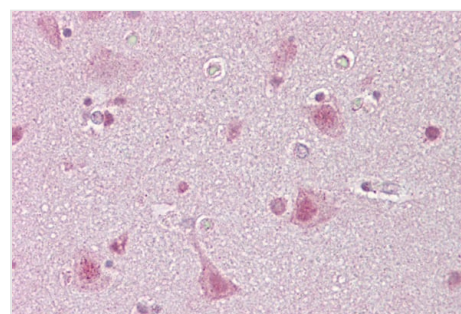
SREBF1; Polyclonal Antibody; SREBF1 antibody - middle region; anti-SREBF1 antibody

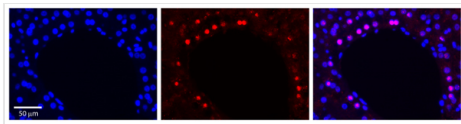
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Goat, Horse, Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: DA GSPFQSSPLS LGSRGSGSGG SGSDSEPDSP VFEDSKAKPE QRPSLHSR
Sequence Length	1177
Applicable Applications for anti-SREBF1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 88%; Goat: 88%; Horse: 80%; Human: 82%; Mouse: 93%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SREBF1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

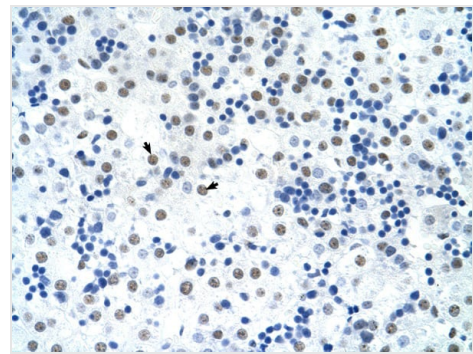
IMAGES


WB (Western Blot)

WB Suggested Anti-SREBF1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Transfected 293T

IHC (Immunohistochemistry)



IHC (Immunohistochemistry)
 Rabbit Anti-SREBF1 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Liver
 Tissue Observed Staining: Nucleus in hepatocytes Primary Antibody Concentration: 1:100 Other
 Working Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary
 Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec



IHC (Immunohistochemistry)
 Human Liver

ADDITIONAL INFORMATION

Related Product Information for anti-SREBF1 antibody	This is a rabbit polyclonal antibody against SREBF1. It was validated on Western Blot and immunohistochemistry Target Description: SREBF1 is a transcription factor that binds to the sterol regulatory element-1 (SRE1), which is a decamer flanking the low density lipoprotein receptor gene and some genes involved in sterol biosynthesis. The protein is synthesized as a precursor that is attached to the nuclear membrane and endoplasmic reticulum. Following cleavage, the mature protein translocates to the nucleus and activates transcription by binding to the SRE1. Sterols inhibit the cleavage of the precursor, and the mature nuclear form is rapidly catabolized, thereby reducing transcription. The protein is a member of the basic helix-loop-helix-leucine zipper (bHLH-Zip) transcription factor family. This gene encodes a transcription factor that binds to the sterol regulatory element-1 (SRE1), which is a decamer flanking the low density lipoprotein receptor gene and some genes involved in sterol biosynthesis. The protein is synthesized as a precursor that is attached to the nuclear membrane and endoplasmic reticulum. Following cleavage, the mature protein translocates to the nucleus and activates transcription by binding to the SRE1. Sterols inhibit the cleavage of the precursor, and the mature nuclear form is rapidly catabolized, thereby reducing transcription. The protein is a member of the basic helix-loop-helix-leucine zipper (bHLH-Zip) transcription factor family. This gene is located within the Smith-Magenis syndrome region on chromosome 17. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-SREBF1 antibody	Polyclonal; Transcription Regulation; Drugs and Drug Metabolism; Cell Biology; Chromatin & Nuclear Signaling; Various; Membrane & Traffic; DNA/RNA/Protein Interactions; Immunohistochemistry; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	52630419
NCBI GeneID	6720
NCBI Accession #	NP_001005291
NCBI GenBank Nucleotide #	NM_001005291
UniProt Accession #	P36956
Molecular Weight	125kDa
NCBI Official Full Name	sterol regulatory element-binding protein 1 isoform a
NCBI Official Synonym Full Names	sterol regulatory element binding transcription factor 1
NCBI Official Symbol	SREBF1
NCBI Official Synonym Symbols	SREBP1; bHLHd1
NCBI Protein Information	sterol regulatory element-binding protein 1
UniProt Protein Name	Sterol regulatory element-binding protein 1
UniProt Gene Name	SREBF1

UniProt Synonym Gene Names	BHLHD1; SREBP1; SREBP-1; bHLHd1
UniProt Entry Name	SRBP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sreb1-antibody-immunohistochemistry-western-blot-elisa/201704>