

Datasheet for ABIN652680

**anti-SREBF1 antibody (AA 349-378)**[Go to Product page](#)**4** Images

## Overview

Quantity:	400 µL
Target:	SREBF1
Binding Specificity:	AA 349-378
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SREBF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

## Product Details

Immunogen:	This SREBF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 349-378 amino acids of human SREBF1.
Clone:	RB21265
Isotype:	IgG
Predicted Reactivity:	Ha, M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	SREBF1
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## Target Details

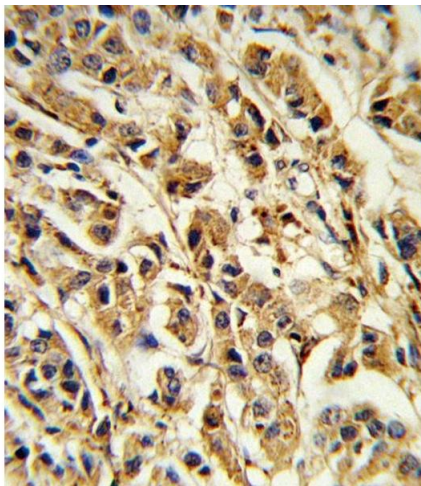
Alternative Name:	SREBF1 ( <a href="#">SREBF1 Products</a> )
Background:	SREBF1 is a transcription factor that binds to the sterol regulatory element-1 (SRE1), which is a decamer flanking the low density lipoprotein receptor gene and some genes involved in sterol biosynthesis. The protein is synthesized 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.
Molecular Weight:	121675
Gene ID:	6720
NCBI Accession:	<a href="#">NP_001005291</a> , <a href="#">NP_004167</a>
UniProt:	<a href="#">P36956</a>
Pathways:	<a href="#">AMPK Signaling</a> , <a href="#">Caspase Cascade in Apoptosis</a> , <a href="#">Negative Regulation of Hormone Secretion</a> , <a href="#">Regulation of Lipid Metabolism by PPARalpha</a>

## Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

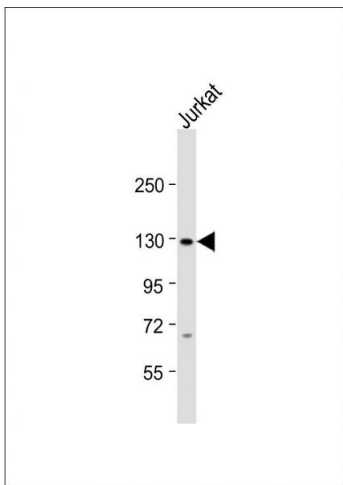
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



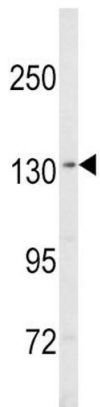
#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human breast carcinoma reacted with SREBF1 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



#### Western Blotting

**Image 2.** Anti-SREBF1 Antibody (Center) at 1:1000 dilution + Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 122 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



#### Western Blotting

**Image 3.** Western blot analysis of SREBF1 Antibody (Center) (ABIN652680 and ABIN2842452) in MDA-M cell line lysates (35 µg/lane). SREBF1 (arrow) was detected using the purified Pab.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN652680.