SunLong Biotech Co.,LTD
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[Primary Antibody]

Recombinant Rabbit Anti-SREBF1 Monoclonal Antibody

Catalog Number: SLA0770M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG2b/Kappa
Clonality:	Monoclonal
Clone No.:	5F12
SWISS:	P36956
Target:	SREBF1
Immunogen:	SREBP-1 protein
Purification:	Affinity-chromatography using specific immunogen.
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Predicted MW.:	54/126 kDa
Background:	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

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	chromosome 17. [provided by RefSeq , Mar 2016]

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