OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA349059

SREBP1 (SREBF1) Rabbit Polyclonal Antibody

Product data:

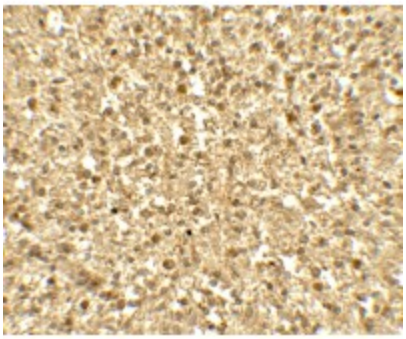
Product Type:	Primary Antibodies
Applications:	IF, IHC
Recommended Dilution:	WB: 1 - 2 ug/mL, IHC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	SREBF1 antibody was raised against a 17 amino acid peptide near the center of human SREBF1.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	SREBF1 antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 129 kDa; Observed: 132 kDa
Gene Name:	sterol regulatory element binding transcription factor 1
Database Link:	NP_001005291 Entrez Gene 6720 Human P36956

View online »

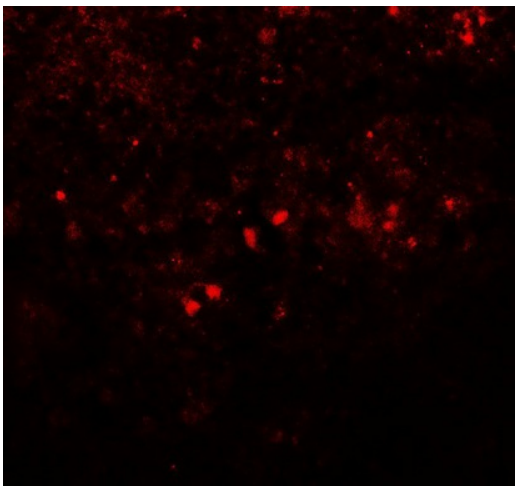
Background: The sterol regulatory element binding transcription factor 1 (SREBF1) is a transcription factor that binds to the sterol regulatory element-1 (SRE1), which is a decamer flanking the low density lipoprotein receptor gene and some genes involved in sterol biosynthesis (1). The related protein SREBF2 also binds SRE1 and activates transcription in an additive fashion to SREBF1 (2). SREBF1 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 (3). The SREBF1 proteins are important in the regulation of genes involved in lipid metabolism, while SREBF2 has been more closely associated with cholesterol synthesis and accumulation (4).

Synonyms: SPI-B

Product images:



Immunohistochemistry of SREBF1 in human spleen tissue with SREBF1 antibody at 5 ug/mL.



Immunofluorescence of SREBF1 in human spleen tissue with SREBF1 antibody at 20 ug/mL.