

SREBP-1 (Phospho-Ser439) Antibody

Catalog No: #11951



Package Size: #11951-1 50ul #11951-2 100ul

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Description

Product Name	SREBP-1 (Phospho-Ser439) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB,IHC IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of SREBP-1 only when phosphorylated at serine 439.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine439(Q-S-S(p)-P-L) derived from Human SREBP-1 .
Target Name	SREBP-1
Modification	Phospho
Other Names	SRBP1; SREBF1; SREBP1; sterol regulatory element-binding protein 1;
Accession No.	Swiss-Prot#: P36956; NCBI Gene#: 6720; NCBI Protein#: NP_001005291.1
SDS-PAGE MW	122kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

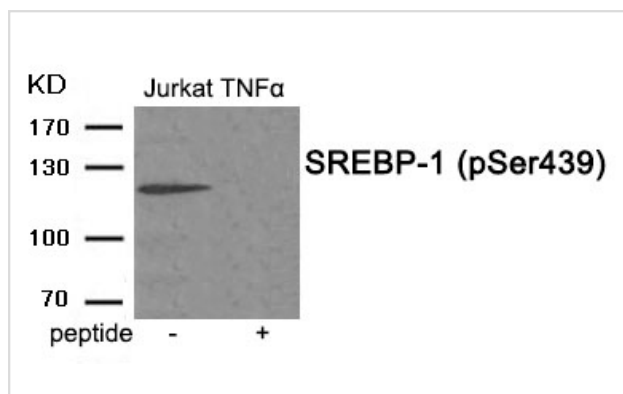
Application Details

Western blotting: 1:500~1:1000

IHC 1:100 - 1:300

IF 1:50-200

Images



Western blot analysis of extracts from Jurkat cells treated with TNF using Phospho-SREBP-1 (Ser439) antibody #11951. The lane on the right is treated with the antigen-specific peptide.

Background

Transcriptional activator required for lipid homeostasis. Regulates transcription of the LDL receptor gene as well as the fatty acid and to a lesser degree the cholesterol synthesis pathway. By similarity. Binds to the sterol regulatory element 1 (SRE-1) (5'-ATCACCCCAC-3'). Has dual sequence specificity binding to both an E-box motif (5'-ATCACGTGA-3') and to SRE-1 (5'-ATCACCCCAC-3').

Bengoechea-Alonso MT, Ericsson J (2006) Cell Cycle 5, 1708-18

Note: This product is for in vitro research use only and is not intended for use in humans or animals.