

SREBP-1 Antibody | anti-SREBP-1 antibody

SREBP-1 (Phospho-Ser439) Antibody

CATALOG #	REACTIVITY	APPLICATIONS
AAA109753	Human (Identities = 100%, Positives = 100%)Rat (Identities = 90%, Positives = 100%)	ELISA, Immunohistochemistry, Western Blot

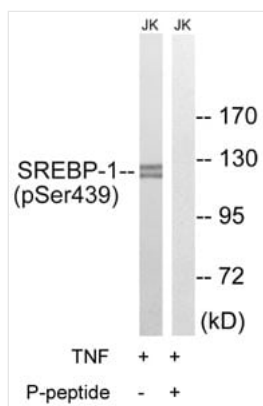
PRODUCT SYNONYMS

SREBP-1; SREBP-1 (Phospho-Ser439) Antibody; SRBP1; SREBF1; SREBP1; sterol regulatory element-binding protein 1; sterol regulatory element-binding transcription factor 1; anti-SREBP-1 antibody

PRODUCT SPECIFICATIONS

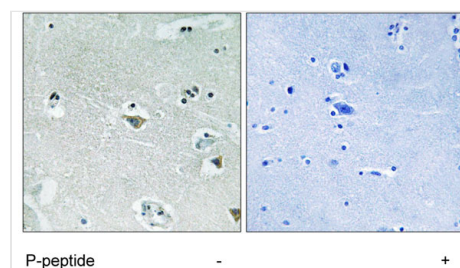
Reactivity	Human (Identities = 100%, Positives = 100%) Rat (Identities = 90%, Positives = 100%)
Specificity	SREBP-1 (Phospho-Ser439) antibody detects endogenous levels of SREBP-1 only when phosphorylated at serine 439.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1177
Applicable Applications for anti-SREBP-1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human SREBP-1 around the phosphorylation site of serine 439 (Q-S-S ^P -P-L).
All Sites	Human: Ser439 Rat: Ser432
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, treated with TNF (20ng/ml, 30mins), using SREBP-1 (Phospho-Ser439) antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using SREBP-1 (Phospho-Ser439) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SREBP-1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Yokoyama C., Cell 75:187-197(1993). Hua X., Genomics 25:667-673(1995). Olsen J.V., Cell 127:635-648(2006).

NCBI AND UNIPROT INFORMATION

NCBI GI #	52630419
NCBI GeneID	6720
NCBI Accession #	NP_001005291.1
NCBI GenBank Nucleotide #	NM_001005291.2
UniProt Accession #	P36956; Q16062; Q59F52; Q6P4R7; Q6PFW7; Q6PJ36; Q8TAK9; B0I4X3; B0I4X4; D3DXC4
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

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/human-rat-antibody/srebp-1/109753>