SS18 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SS18, Polyclonal Antibody
Full Product Name	SS18 Rabbit pAb
Product Gene Name	anti-SS18 antibody
Product Synonym Names	SYT; SSXT
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	60kDa
OMIM	600192
3D Structure	ModBase 3D Structure for Q15532
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-240 of human SS18 (NP_001007560.1).
Cellular Localization	Nucleus
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SS18 antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)
Application Notes for anti-SS18 antibody	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:100
Related Product Information for anti-SS18 antibody	Appears to function synergistically with RBM14 as a transcriptional coactivator. Isoform 1 and isoform 2 function in nuclear receptor coactivation. Isoform 1 and isoform 2 function in general transcriptional coactivation.
Other Notes	Small volumes of anti-SS18 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SS18 purchase	MBS8546493 is an antibody targeting SS18. Also known as SS18 Rabbit pAb. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SS18. It may not necessarily be applicable to this product.

NCBI GI #	56117846
NCBI GeneID	6760
NCBI Accession #	NP_001007560.1

UniProt Primary Accession #	Q15532
UniProt Related Accession #	Q15532
GenBank Nucleotide #	NP_001007560.1
NCBI Official Full Name	protein SSXT isoform 1
NCBI Official Synonym Full Names	SS18 subunit of BAF chromatin remodeling complex
NCBI Official Symbol	SS18
NCBI Official Synonym Symbols	SYT; SSXT
UniProt Protein Name	Protein SSXT
UniProt Synonym Protein Names	Protein SYT; Synovial sarcoma translocated to X chromosome protein
Protein Family	Protein
UniProt Gene Name	SS18
UniProt Synonym Gene Names	SSXT; SYT
UniProt Entry Name	SSXT_HUMAN
NCBI Protein Information	protein SSXT
UniProt Comments for SS18	SS18: Appears to function synergistically with RBM14 as a transcriptional coactivator. Isoform 1 and isoform 2 function in nuclear receptor coactivation. Isoform 1 and isoform 2 function in general transcriptional coactivation. A chromosomal aberration involving SS18 may be a cause of synovial sarcoma. Translocation t(X;18)(p11.2;q11.2). The translocation is specifically found in more than 80% of synovial sarcoma. The fusion products SSXT-SSX1 or SSXT-SSX2 are probably responsible for transforming activity. Heterogeneity in the position of the breakpoint can occur (low frequency). Belongs to the SS18 family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Oncoprotein; Transcription, coactivator/corepressor; Nuclear receptor co-regulator Chromosomal Location of Human Ortholog: 18q11.2 Cellular Component: cytoplasmic microtubule; nucleus Molecular Function: protein binding; ligand-dependent nuclear receptor transcription coactivator activity Biological Process: response to drug; transcription, DNA-dependent; cell morphogenesis; ephrin receptor signaling pathway; positive regulation of transcription from RNA polymerase II promoter; microtubule cytoskeleton organization and biogenesis
Research Articles on SS18	**1.** SS18-SSX1 deregulates developmental programs to drive transformation by hijacking a transcriptional repressive complex to aberrantly activate gene expression
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