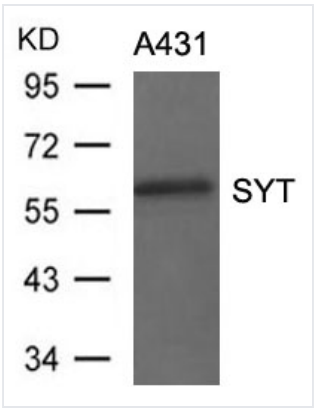
SYT Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SYT, Polyclonal Antibody
Full Product Name	SYT Antibody
Product Gene Name	anti-SYT antibody
Product Synonym Names	SSXT; MGC116875
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Concentration	1.0 mg/ml (lot specific)
Specificity	The antibody detects endogenous level of total SYT protein.
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.
Molecular Weight	42,216 Da
OMIM	600192
3D Structure	ModBase 3D Structure for Q15532
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.14~18(G-E-I-T-P) derived from Human SYT.
Target Name	SYT
Product Categories/Family for anti-SYT antibody	Total protein Ab
Applications Tested/Suitable for anti-SYT antibody	Western Blot (WB)
Application Notes for anti-SYT antibody	Western blotting: 1:500~1:1000
Related Product Information for anti-SYT 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-SYT 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 SYT purchase	MBS9404884 is an antibody targeting SYT. Also known as SYT Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-SYT antibody
Western blot analysis of extracts from A431 cells using SYT Antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SYT. 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 Secondary Accession #	Q16404; Q4VAX1; Q9BXC6; B0YJ95
UniProt Related Accession #	Q15532
GenBank Nucleotide #	NM_001007559.2
NCBI Official Full Name	protein SSXT isoform 1
NCBI Official Synonym Full Names	synovial sarcoma translocation, chromosome 18
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	RNA-binding protein
UniProt Gene Name	SS18
UniProt Synonym Gene Names	SSXT; SYT
UniProt Entry Name	SSXT_HUMAN
NCBI Protein Information	protein SSXT

UniProt Comments for SYT	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; Nuclear receptor co-regulator; Transcription, coactivator/corepressor 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 SYT	**1.** Case Report: bronchial biphasic synovial sarcoma with SS18 gene rearrangement.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-rat-antibody/syt/9404884