SSX5 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SSX5, Polyclonal Antibody
Full Product Name	SSX5 Antibody
Product Gene Name	anti-SSX5 antibody
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen affinity purification.
Specificity	The antibody detects endogenous levels of total SSX5 protein.
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.
Molecular Weight	26,284 Da
OMIM	U90842 mRNA
3D Structure	ModBase 3D Structure for O60225
Immunogen	Synthetic peptide corresponding to residues near the N terminal of human synovial sarcoma, X breakpoint 5
Product Categories/Family for anti-SSX5 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SSX5 antibody	Western Blot (WB)
Application Notes for anti-SSX5 antibody	WB: 1:200-1:1000
Related Product Information for anti-SSX5 antibody	The product of this gene belongs to the family of highly homologous synovial sarcoma X (SSX) breakpoint proteins. These proteins may function as transcriptional repressors. They are also capable of eliciting spontaneous humoral and cellular immune responses in cancer patients, and are potentially useful targets in cancer vaccine-based immunotherapy. While some of the related SSX genes are involved in t (X;18)(p11.2;q11.2) translocations that are characteristically found in all synovial sarcomas, this gene does not appear to be involved in such translocations.
Other Notes	Small volumes of anti-SSX5 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 SSX5 purchase	MBS8591737 is an antibody targeting SSX5. Also known as SSX5 Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SSX5. It may not necessarily be applicable to this product.

NCBI GI #	28559015
NCBI GeneID	6758

NCBI Accession #	NP_066295.3
UniProt Primary Accession #	O60225
UniProt Secondary Accession #	Q5JQ59; Q5JQ60; Q96AW3
UniProt Related Accession #	O60225
GenBank Nucleotide #	NM_021015.3
NCBI Official Full Name	protein SSX5 isoform a
NCBI Official Synonym Full Names	SSX family member 5
NCBI Official Symbol	SSX5
UniProt Protein Name	Protein SSX5
Protein Family	Protein
UniProt Gene Name	SSX5
NCBI Protein Information	protein SSX5
NCBI Summary for SSX5	The product of this gene belongs to the family of highly homologous synovial sarcoma X (SSX) breakpoint proteins. These proteins may function as transcriptional repressors. They are also capable of eliciting spontaneous humoral and cellular immune responses in cancer patients, and are potentially useful targets in cancer vaccine-based immunotherapy. While some of the related SSX genes are involved in t(X;18)(p11.2;q11.2) translocations that are characteristically found in all synovial sarcomas, this gene does not appear to be involved in such translocations. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2013]
UniProt Comments for SSX5	Ssxb8: Could act as a modulator of transcription. Belongs to the SSX family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Cancer Testis Antigen (CTA) Chromosomal Location of Human Ortholog: Xp11.23 Cellular Component: nucleus Molecular Function: nucleic acid binding; protein binding; transcription corepressor activity Biological Process: regulation of transcription, DNA-templated; transcription, DNA-dependent
Research Articles on SSX5	**1.** Two kinds of cancer-testis antigen, SSX-2 and SSX-5 showed high-specific and high-frequent expression in hepatocellular carcinoma tissues, but neither of them could be detected in adjacent non-HCC tissues.
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