

Datasheet for ABIN2776445
anti-SSX4 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	SSX4
Binding Specificity:	N-Term
Reactivity:	Human, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SSX4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SSX4
Sequence:	NGDDAFARRP RDDAQISEKL RKAFFDDIAKY FSKKEWEKMK SSEKIVVYVM
Predicted Reactivity:	Cow: 83%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against SSX4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SSX4
Alternative Name:	SSX4 (SSX4 Products)

Target Details

Background:	<p>SSX4 belongs to the SSX family. It contains 1 KRAB-related domain.SSX4 could act as a modulator of transcription. 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 spontaneously humoral and cellular immune responses in cancer patients, and are potentially useful targets in cancer vaccine-based immunotherapy. SSX1, SSX2 and SSX4 genes have been involved in the t(X,18) translocation characteristically found in all synovial sarcomas. This translocation results in the fusion of the synovial sarcoma translocation gene on chromosome 18 to one of the SSX genes on chromosome X. Chromosome Xp11 contains a segmental duplication resulting in two identical copies of synovial sarcoma, X breakpoint 4, SSX4 and SSX4B, in tail-to-tail orientation. This gene, SSX4, represents the more telomeric copy. Two transcript variants encoding distinct isoforms have been identified for this gene.</p> <p>Alias Symbols: MGC119056, MGC12411, CT5.4, SSX4B</p> <p>Protein Interaction Partner: LZTR1, XBP1, PAX9, HIF1A,</p> <p>Protein Size: 188</p>
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Molecular Weight:	22 kDa
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Gene ID:	6759
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NCBI Accession:	NM_005636 , NP_005627
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UniProt:	O60224
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 188 AA
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	Lot specific
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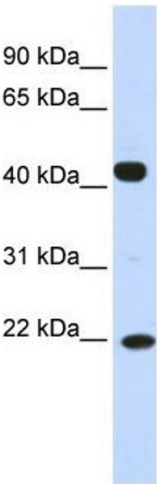
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-SSX4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human Placenta