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Datasheet for ABIN2784178 anti-SSX4B antibody (Middle Region)

Image



Overview

Quantity:	100 µL
Target:	SSX4B
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SSX4B
Sequence:	MRSKRAADFH GNDFGNDRNH RNQVERPQMT FGSLQRIFPK IMPKKPAEEE
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against SSX4B. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SSX4B
Alternative Name:	SSX4B (SSX4B Products)
Background:	The product of this gene belongs to the family of highly homologous synovial sarcoma X (SSX)

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	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, SSX4B,
	represents the more centromeric copy. Two transcript variants encoding distinct isoforms have
	been identified for this gene.
	Alias Symbols: SSX4, CT5.4
	Protein Interaction Partner: HIF1A,
	Protein Size: 188
Molecular Weight:	22 kDa
Gene ID:	548313
NCBI Accession:	NM_001034832, NP_001030004
UniProt:	060224

Application Details

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

Handling

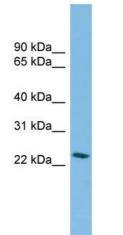
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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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-SSX4B Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human kidney