

Datasheet for ABIN657137
anti-SSX4 antibody (AA 63-91)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	SSX4
Binding Specificity:	AA 63-91
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SSX4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This SSX4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 63-91 amino acids from the Central region of human SSX4.
Clone:	RB32991
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	SSX4
Alternative Name:	SSX4 (SSX4 Products)
Background:	The product of this gene belongs to the family of highly homologous synovial sarcoma X (SSX)

Target Details

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.

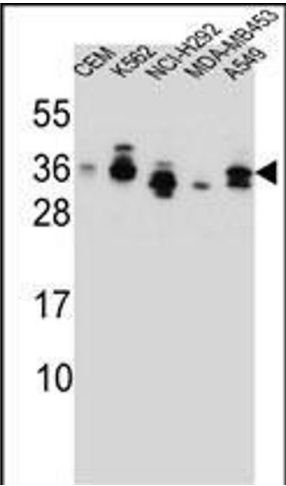
Molecular Weight:	21858
NCBI Accession:	NP_001030004 , NP_001035702 , NP_005627 , NP_783856
UniProt:	O60224

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months



Western Blotting

Image 1. SSX4 Antibody (Center) (ABIN657137 and ABIN2837900) western blot analysis in CEM,K562,NCI-,MDA-M,A549 cell line lysates (35 µg/lane).This demonstrates the SSX4 antibody detected the SSX4 protein (arrow).