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SSX4 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16168c

Specification

SSX4 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	O60224
Other Accession	NP_001030004.1, NP_005627.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**21858**
Antigen Region	**69-97**

SSX4 Antibody (Center) - Additional Information

Gene ID 548313;6759

Other Names
Protein SSX4, Cancer/testis antigen 54, CT54, SSX4, SSX4A

Target/Specificity
This SSX4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 69-97 amino acids from the Central region of human SSX4.

Dilution
WB~~1:1000
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
SSX4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

SSX4 Antibody (Center) - Protein Information

Name SSX4

Synonyms SSX4A

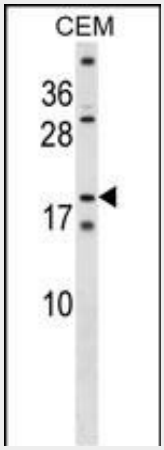
Function Could act as a modulator of transcription.

SSX4 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SSX4 Antibody (Center) - Images



SSX4 Antibody (Center) (Cat. #AP16168c) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the SSX4 antibody detected the SSX4 protein (arrow).

SSX4 Antibody (Center) - Background

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, SSX4B, represents the more centromeric copy. Two transcript variants encoding distinct isoforms have been identified for this gene.

SSX4 Antibody (Center) - References

Ayyoub, M., et al. J. Immunol. 174(8):5092-5099(2005)
Ross, M.T., et al. Nature 434(7031):325-337(2005)
Gure, A.O., et al. Int. J. Cancer 101(5):448-453(2002)
Brodin, B., et al. Gene 268 (1-2), 173-182 (2001) :
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