

Anti-SSX2 Antibody

Catalog # ABO10612

Product Information

Application	WB, IHC-P
Primary Accession	Q16385
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Protein SSX2(SSX2) detection. Tested with WB, IHC-P in Human.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	6757;727837
Other Names	Protein SSX2, Cancer/testis antigen 5.2, CT5.2, Synovial sarcoma, X breakpoint 2, Tumor antigen HOM-MEL-40, SSX2, SSX2A
Calculated MW	21620
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat Western blot, 0.1-0.5 µg/ml, Human
Subcellular Localization	Nucleus.
Tissue Specificity	Expressed at high level in the testis. Expressed at low level in thyroid. Not detected in tonsil, colon, lung, spleen, prostate, kidney, striated and smooth muscles. Detected in rhabdomyosarcoma and fibrosarcoma cell lines. Not detected in mesenchymal and epithelial cell lines.
Source	Eukaryota
Protein Name	Protein SSX2
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃ N.
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human SSX2(157-184aa NREAQKEERRGTAHRWSSQNTHNIGRF).
Purification	Immunogen affinity purified.

Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
Sequence Similarities	Belongs to the SSX family.

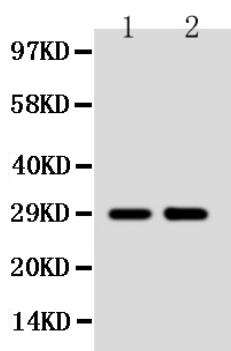
Protein Information

Name	SSX2
Synonyms	SSX2A
Function	Could act as a modulator of transcription.
Cellular Location	Nucleus.
Tissue Location	Expressed at high level in the testis. Expressed at low level in thyroid. Not detected in tonsil, colon, lung, spleen, prostate, kidney, striated and smooth muscles. Detected in rhabdomyosarcoma and fibrosarcoma cell lines. Not detected in mesenchymal and epithelial cell lines

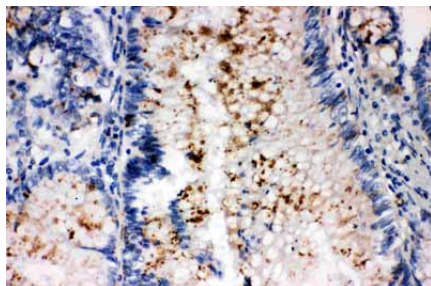
Background

Synovial sarcoma, X breakpoint 2, also known as SSX2, is a human gene. The product of this gene belongs to the family of highly homologous synovial sarcoma X(SSX) breakpoint proteins. SSX1, SSX2 and SSX4 genes have been involved in the t(X;18) translocation characteristically found in all synovial sarcomas. The SSX1 and SSX2 genes encode closely related proteins (81% identity) of 188 amino acids that are rich in charged amino acids. The N-terminal portion of each SSX protein exhibits homology to the Kruppel-associated box (KRAB), a transcriptional repressor domain previously found only in Kruppel-type zinc finger proteins.

Images



Anti-SSX2 antibody, ABO10612, Western blotting
Lane 1: MCF-7 Cell Lysate
Lane 2: HELA Cell Lysate



Anti-SSX2 antibody, ABO10612, IHC(P)
IHC(P): Human Intestinal Cancer Tissue

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