abcam

Product datasheet

Anti-SSX2 antibody ab172209

1 Image

Overview

Product name	Anti-SSX2 antibody
Description	Rabbit polyclonal to SSX2
Host species	Rabbit
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Human
Immunogen	Recombinant full length protein within Human SSX2 aa 1 to the C-terminus. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please **contact** our Scientific Support team to discuss your requirements. Q16385-2 Database link: **AAH02818.1** **Run BLAST with** **Run BLAST with**
Positive control	SSX2 transfected 293T cell lysate.
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.4 Constituent: 99% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab172209 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 25 kDa.

Target

Function Could act as a modulator of transcription.

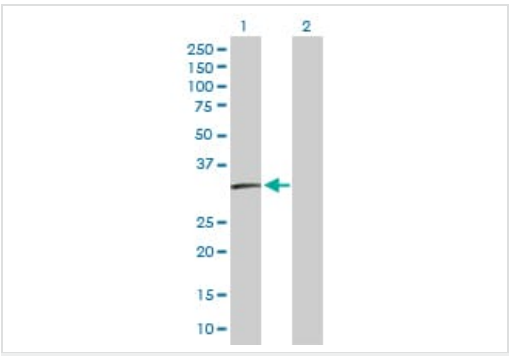
Tissue specificity Expressed at high level in the testis. Expressed at low level in thyroid. Not detected in tonsil, colon, lung, spleen, prostate, kidney, striated and smooth muscles. Detected in rhabdomyosarcoma and fibrosarcoma cell lines. Not detected in mesenchymal and epithelial cell lines.

Involvement in disease Note=A chromosomal aberration involving SSX2 may be a cause of synovial sarcoma. Translocation t(X;18)(p11.2;q11.2). The translocation is specifically found in more than 80% of synovial sarcoma. The fusion products SSXT-SSX1 or SSXT-SSX2 are probably responsible for transforming activity. Heterogeneity in the position of the breakpoint can occur (low frequency).

Sequence similarities Belongs to the SSX family.
Contains 1 KRAB-related domain.

Cellular localization Nucleus.

Images



Western blot - Anti-SSX2 antibody (ab172209)

All lanes : Anti-SSX2 antibody (ab172209) at 1 µg/ml

Lane 1 : SSX2 transfected 293T cell lysate
Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 15 µl per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG at 1/7500 dilution

Predicted band size: 25 kDa

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