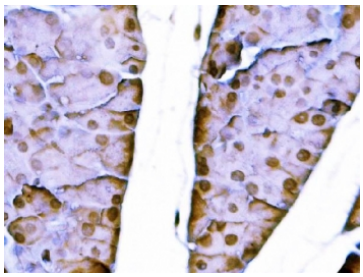
Sox11 Antibody (RQ6577)

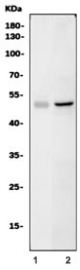
Catalog No.	Formulation	Size
RQ6577	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

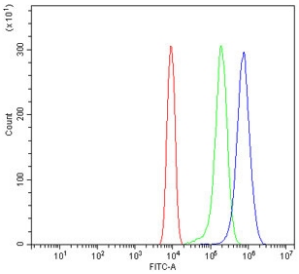
Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q7M6Y2
Localization	Nuclear
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This Sox11 antibody is available for research use only.



IHC staining of FFPE mouse pancreas tissue with Sox11 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) rat C6 and 2) mouse SP2/0 cell lysate with Sox11 antibody. Predicted molecular weight ~47 kDa.



Flow cytometry testing of mouse ANA-1 cells with Sox11 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Sox11 antibody.

Description

Transcription factor SOX-11 is a protein that in humans is encoded by the SOX11 gene. This intronless gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. The protein may function in the developing nervous system and play a role in tumorigenesis.

Application Notes

Optimal dilution of the Sox11 antibody should be determined by the researcher.

Immunogen

Recombinant mouse protein (amino acids M1-E358) was used as the immunogen for the Sox11 antibody.

Storage

After reconstitution, the Sox11 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com