

Anti-SOX11 Antibody

Catalog # AP96062

Product Information

Application	WB, IHC, FC
Primary Accession	P35716
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	46679

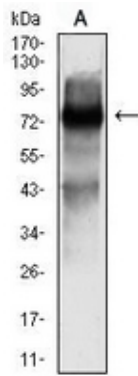
Additional Information

Gene ID	6664
Other Names	Transcription factor SOX-11
Target/Specificity	Recombinant fusion protein of human SOX11 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

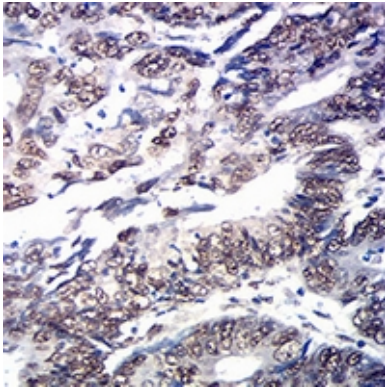
Protein Information

Name	SOX11
Function	Transcription factor that acts as a transcriptional activator (PubMed: 24886874 , PubMed: 26543203). Binds cooperatively with POU3F2/BRN2 or POU3F1/OCT6 to gene promoters, which enhances transcriptional activation (By similarity). Acts as a transcriptional activator of TEAD2 by binding to its gene promoter and first intron (By similarity). Plays a redundant role with SOX4 and SOX12 in cell survival of developing tissues such as the neural tube, branchial arches and somites, thereby contributing to organogenesis (By similarity).
Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00267, ECO:0000269 PubMed:24886874, ECO:0000269 PubMed:35938035}
Tissue Location	Expressed primarily in the brain and heart, with low expression in the kidney, pancreas and muscle

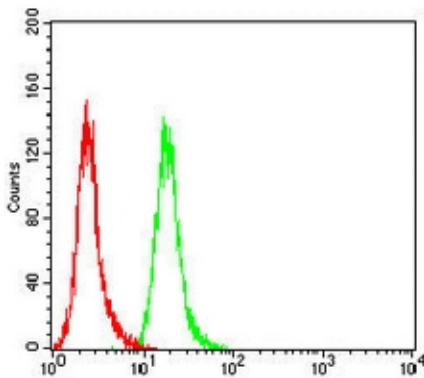
Images



Western blot analysis of SOX11 expression in Y79 (A) whole cell lysates. (Predicted band size: 47 kD; Observed band size: 72 kD)



Immunohistochemical analysis of SOX11 staining in human cervical cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Flow cytometric analysis of HeLa cells using Anti-SOX11 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.