

SOX11 Antibody
Rabbit mAb
Catalog # AP90824**Specification**

SOX11 Antibody - Product Information

Application	WB, ICC, IP
Primary Accession	P35716
Reactivity	Rat
Clonality	Monoclonal

Other Names

MRD27; SOX11; SRY (sex determining region Y) box 11; SRY related HMG box gene 11 ; SRY-box 11; Transcription factor SOX-11;

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	46679 Da

SOX11 Antibody - Additional Information

Dilution	WB~~1:1000 ICC~~N/A IP~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human SOX11
Description	Probably important in the developing nervous system. May also have a role in tissue modeling during development.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

SOX11 Antibody - 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}

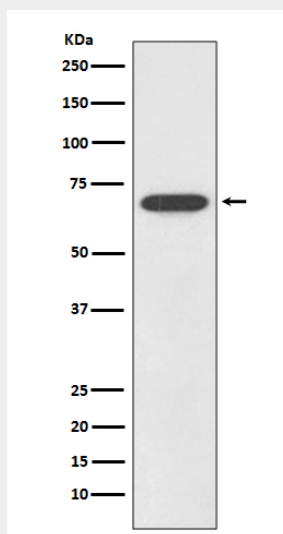
Tissue Location

Expressed primarily in the brain and heart, with low expression in the kidney, pancreas and muscle

SOX11 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SOX11 Antibody - Images

Western blot analysis of SOX11 expression in SHSY5Y cell lysate.