

SOX11 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP52016**Specification**

SOX11 Antibody - Product Information

Application	WB, E
Primary Accession	P35716
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	60 KDa

SOX11 Antibody - Additional Information**Gene ID** 6664**Other Names**

Transcription factor SOX-11, SOX11

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

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

SOX11 Antibody - Background

Probably important in the developing nervous system. May also have a role in tissue modeling during development.

SOX11 Antibody - References

Jay P., et al. Genomics 29:541-545(1995).
Azuma T., et al. DNA Res. 6:357-360(1999).
Hillier L.W., et al. Nature 434:724-731(2005).
Goze C., et al. Nucleic Acids Res. 21:2943-2943(1993).
Dephoure N., et al. Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).