

# SOX11 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP52016

## Product Information

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Application	WB
Primary Accession	<a href="#">P35716</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46679

## Additional Information

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Gene ID	6664
Other Names	Transcription factor SOX-11, SOX11
Dilution	WB~~1:1000
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

## Protein Information

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Name	SOX11
Function	Transcription factor that acts as a transcriptional activator (PubMed: <a href="#">24886874</a> , PubMed: <a href="#">26543203</a> ). 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

## Background

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

## References

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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).

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