

# SOX11 Antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI16130

## Product Information

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Application	WB
Primary Accession	<a href="#">P35716</a>
Other Accession	<a href="#">NP_003099</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46679

## Additional Information

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Gene ID	6664
Alias Symbol Other Names	SOX11, Transcription factor SOX-11, SOX11
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 $\mu$ l of distilled water. Final Anti-SOX11 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.
Precautions	SOX11 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## 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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Transcriptional factor involved in the embryonic neurogenesis. May also have a role in tissue modeling during development.

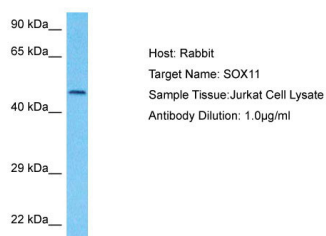
## References

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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).

## Images

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Host: Rabbit  
Target Name: SOX11  
Sample Tissue: Jurkat Whole Cell lysates  
Antibody Dilution: 1.0µg/ml

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