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SOX11 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI16130

Product Information

Application	WB
Primary Accession	P35716
Other Accession	NP_003099
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46679

Additional Information

Gene ID	6664
Alias Symbol	SOX11,
Other Names	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

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

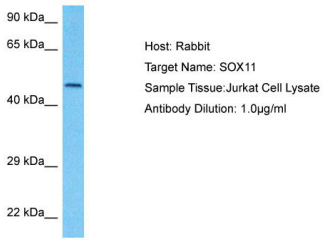
Background

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

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).

Images



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'.