

# SOX11 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI10083

## Product Information

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Application	WB
Primary Accession	<a href="#">P35716</a>
Other Accession	<a href="#">P35716</a> , <a href="#">NP_003099</a> , <a href="#">NM_003108</a>
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Guinea Pig, Horse
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken, Guinea Pig, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46679

## Additional Information

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Gene ID	6664
Other Names	Transcription factor SOX-11, SOX11
Target/Specificity	This intronless gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. The protein may function in the developing nervous system and play a role in tumorigenesis.
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul 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

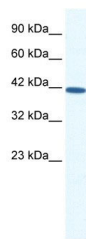
## Background

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This is a rabbit polyclonal antibody against SOX11. It was validated on Western Blot using a cell lysate as a positive control. Abgent strives to provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire (sales@abgent.com).

## Images

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SOX11 antibody - N-terminal region (AI10083) in Human HepG2 cells using Western Blot  
WB Suggested Anti-SOX11 Antibody Titration: 0.2-1 µg/ml  
ELISA Titer: 1:62500  
Positive Control: HepG2 cell lysate

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