

**SOX11 antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI10083****Specification**

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**SOX11 antibody - N-terminal region - Product Information**

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	47 kDa KDa

**SOX11 antibody - N-terminal region - Additional Information****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.

**SOX11 antibody - N-terminal region - Protein Information****Name** SOX11**Function**

Transcription factor that acts as a transcriptional activator (PubMed:&lt;a

href="http://www.uniprot.org/citations/24886874" target="\_blank">24886874</a>, PubMed:<a href="http://www.uniprot.org/citations/26543203" target="\_blank">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

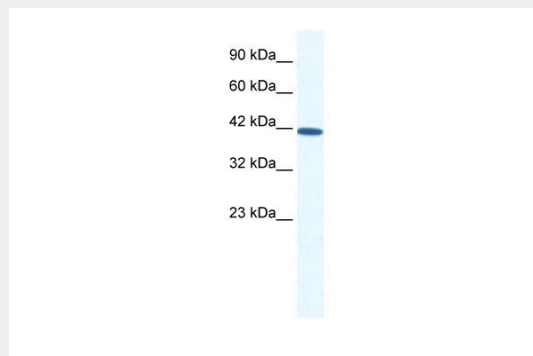
Expressed primarily in the brain and heart, with low expression in the kidney, pancreas and muscle

### SOX11 antibody - N-terminal region - 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 - N-terminal region - Images



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

### SOX11 antibody - N-terminal region - Background

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](mailto:sales@abgent.com)).