

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

SOX11 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P35716
Other Accession	P35716 , NP_003099 , NM_003108
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: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

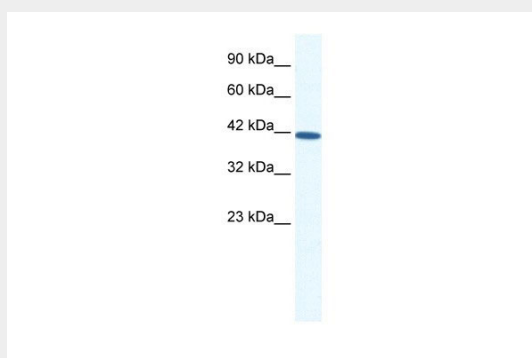
Expressed primarily in the brain and heart, with low expression in the kidney, pancreas and muscle

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).