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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:<a

href="http://www.uniprot.org/citations/24886874" target="_blank">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}

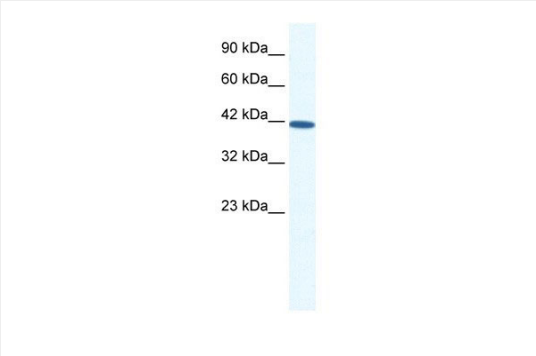
Tissue Location
Expressed primarily in the brain and heart, with low expression in the kidney, pancreas and muscle

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 Cytomety
- 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).