

Goat Anti-SOX11 Antibody (C Terminus)
Purified Goat Polyclonal Antibody
Catalog # AF4163a**Specification**

Goat Anti-SOX11 Antibody (C Terminus) - Product Information

Application	E
Primary Accession	P35716
Other Accession	20666(mouse) , 84046(rat) , NP_003099.1
Predicted	Human, Mouse, Rat, Pig, Xenopus
Host	Goat
Clonality	Polyclonal
Concentration	0.5
Calculated MW	46679

Goat Anti-SOX11 Antibody (C Terminus) - Additional Information**Gene ID** 6664**Other Names**

Sox11; SRY (sex determining region Y)-box 11

Dilution

E~~N/A

Format

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Immunogen

Peptide with sequence C-DWLEANFSDLVFTY, from the C Terminus of the protein sequence according to NP_003099.1.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-SOX11 Antibody (C Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-SOX11 Antibody (C Terminus) - Protein Information**Name** SOX11**Function**

Transcription factor that acts as a transcriptional activator (PubMed:<a

[24886874](http://www.uniprot.org/citations/24886874), PubMed:<[26543203](http://www.uniprot.org/citations/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

Goat Anti-SOX11 Antibody (C Terminus) - 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](#)

Goat Anti-SOX11 Antibody (C Terminus) - Images