

Goat Anti-SOX11 Antibody (C Terminus)

Purified Goat Polyclonal Antibody Catalog # AF4163a

Specification

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

Application

Primary Accession <u>P35716</u>

Other Accession
Predicted

20666(mouse), 84046(rat), NP_003099.1
Human, Mouse, Rat, Pig, Cow, 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

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.

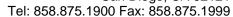
Goat Anti-SOX11 Antibody (C Terminus) - Protein Information

Name SOX11

Function

Transcription factor that acts as a transcriptional activator (PubMed: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

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
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Goat Anti-SOX11 Antibody (C Terminus) - Images