

SOX1 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2693a**Specification**

SOX1 Antibody (internal region) - Product Information

Application	E
Primary Accession	O00570
Other Accession	NP_005977.2 , 6656
Predicted	Human, Mouse
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	39023

SOX1 Antibody (internal region) - Additional Information**Gene ID** 6656**Other Names**

Transcription factor SOX-1, SOX1

Dilution

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

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

SOX1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

SOX1 Antibody (internal region) - Protein Information**Name** SOX1**Function**

Transcriptional activator. May function as a switch in neuronal development. Keeps neural cells undifferentiated by counteracting the activity of proneural proteins and suppresses neuronal differentiation (By similarity).

Cellular Location

Nucleus.

Tissue Location

Mainly expressed in the developing central nervous system

SOX1 Antibody (internal 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](#)

SOX1 Antibody (internal region) - Images**SOX1 Antibody (internal region) - References**

Sox1 acts through multiple independent pathways to promote neurogenesis. Kan L, Israsena N, Zhang Z, Hu M, Zhao LR, Jalali A, Sahni V, Kessler JA. Dev Biol. 2004 May 15;269(2):580-94. PMID: 15110721

SOX1 Antibody (internal region) - Citations

- [Nonsense-Mediated RNA Decay Influences Human Embryonic Stem Cell Fate.](#)