

SOX1 polyclonal antibody

Catalog # PAB7441

Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of SOX1.
Immunogen	A synthetic peptide corresponding to human SOX1.
Sequence	C-AHPHNPQPMHR
Host	Goat
Theoretical MW (kDa)	39
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:64000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — SOX1

Entrez GeneID	6656
Protein Accession#	NP_005977.2
Gene Name	SOX1
Gene Alias	-
Gene Description	SRY (sex determining region Y)-box 1
Omim ID	602148
Gene Ontology	Hyperlink
Gene Summary	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 activator after forming a protein complex with other proteins. In mice, a similar protein regulates the gamma-crystallin genes and is essential for lens development. [provided by RefSeq]
Other Designations	SRY-related HMG-box gene 1

Publication Reference

- [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.

Developmental Biology 2004 May; 269(2):580.

Application: ChIP, IP, WB, Mouse, Mouse embryos

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)