

SOX8 polyclonal antibody

Catalog # PAB7416

Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of SOX8.
Immunogen	A synthetic peptide corresponding to human SOX8.
Sequence	C-KAEAGLGDGHHHGDH
Host	Goat
Theoretical MW (kDa)	47.3
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:16000) 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 — SOX8

Entrez GeneID [30812](#)

Protein Accession# [NP_055402.2](#)

Gene Name SOX8

Gene Alias MGC24837

Gene Description SRY (sex determining region Y)-box 8

Omim ID [605923](#)

Gene Ontology [Hyperlink](#)

Gene Summary This 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. This protein may be involved in brain development and function. Haploinsufficiency for this protein may contribute to the mental retardation found in haemoglobin H-related mental retardation (ART-16 syndrome). [provided by RefSeq]

Other Designations -

Publication Reference

- [Functional analysis of Sox8 during neural crest development in Xenopus.](#)

O'Donnell M, Hong CS, Huang X, Delnicki RJ, Saint-Jeannet JP.

Development 2006 Oct; 133(19):3817.