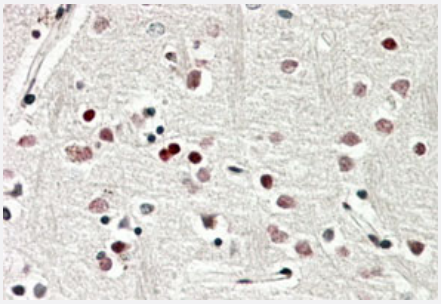
SOX3 polyclonal antibody

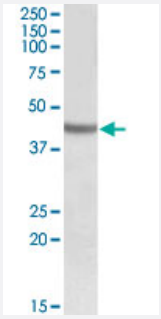
Catalog # PAB18585 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

SOX3 polyclonal antibody (Cat # PAB18585) (3.8 ug/mL) staining of paraffin embedded human cerebral cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blot (Tissue lysate)

SOX3 polyclonal antibody (Cat # PAB18585) (0.5 ug/mL) staining of human cerebral cortex lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of SOX3.
Immunogen	A synthetic peptide corresponding to C-terminus of human SOX3.
Sequence	C-DAASPLPGGRLHGVH
Host	Goat
Theoretical MW (kDa)	42
Reactivity	Human
Form	Liquid

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Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:8000) Western Blot (0.5-1.5 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (3-5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
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 shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  SOX3 polyclonal antibody (Cat # PAB18585) (3.8 ug/mL) staining of paraffin embedded human cerebral cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Tissue lysate)

  SOX3 polyclonal antibody (Cat # PAB18585) (0.5 ug/mL) staining of human cerebral cortex lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Gene Info — SOX3

Entrez GeneID	6658
Protein Accession#	NP_005625.2
Gene Name	SOX3
Gene Alias	GHDX, MRGH, PHP, PHPX, SOXB
Gene Description	SRY (sex determining region Y)-box 3
Omim ID	300123 313430
Gene Ontology	Hyperlink

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Gene Summary	This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors i nvolved in the regulation of embryonic development and in the determination of the cell fate. The e ncoded protein may act as a transcriptional regulator after forming a protein complex with other pr oteins. Mutations in this gene have been associated with X-linked mental retardation with growth hormone deficiency. [provided by RefSeq
Other Designations	OTTHUMP00000024166|transcription factor SOX-3

Disease

- Alzheimer disease
- Cardiovascular Diseases
- Diabetes Complications
- Hypopituitarism
- Infertility
- Metabolic Syndrome X
- Neoplasms
- Oligospermia
- Osteoporosis

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