

Rabbit SOX4 Polyclonal Antibody | anti-SOX4 antibody

SOX4 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197547	Rabbit	Tested: Human; Predicted: Cow, Dog, Guinea Pig, Human, Mouse, Rabbit	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

SOX4; Polyclonal Antibody; SOX4 antibody - N-terminal region; anti-SOX4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested: Human; Predicted: Cow, Dog, Guinea Pig, Human, Mouse, Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)
Applicable Applications for anti-SOX4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Protein Size (# AA)	474 amino acids
Peptide Sequence	Synthetic peptide located within the following region: MVQQTNNNAENTEALLAGESSDGGAGLELGIASSPTPGSTASTGGKADDPS
Protein Interactions	TAF5; UBE2I; ELAVL1; TP53; MDM2; EP300; tat; SDCBP;
Blocking Peptide	For anti-SOX4 antibody is Catalog #
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SOX4
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%
Replacement Item	This antibody may replace item sc-130633 from Santa Cruz Biotechnology.
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Host: RabbitTarget Name: SOX4Sample Tissue: Human Fetal KidneyAntibody Dilution: 1.0ug/ml


IHC (Immunohistochemistry)

Human Testis

ADDITIONAL INFORMATION

Related Product Information for anti-SOX4 antibody	Description of Target: SOX4 is 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. It may act as a transcriptional regulator after forming a protein complex with other proteins, such as syndecan binding protein (syntenin). The protein may function in the apoptosis pathway leading to cell death as well as to tumorigenesis and may mediate downstream effects of parathyroid hormone (PTH) and PTH-related protein (PTHrP) in bone development. The solution structure has been resolved for the HMG-box of a similar mouse protein. 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 regulator after forming a protein complex with other proteins, such as syndecan binding protein (syntenin). The protein may function in the apoptosis pathway leading to cell death as well as to tumorigenesis and may mediate downstream effects of parathyroid hormone (PTH) and PTH-related protein (PTHrP) in bone development. The solution structure has been resolved for the HMG-box of a similar mouse protein. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-SOX4 antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Transcription Regulation; Developmental Biology; Immunohistochemistry; Receptors; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507163
NCBI GeneID	6659
NCBI Accession #	NP_003098
NCBI GenBank Nucleotide #	NM_003107
UniProt Accession #	Q06945
Molecular Weight	47kDa
NCBI Official Full Name	transcription factor SOX-4
NCBI Official Synonym Full Names	SRY-box 4
NCBI Official Symbol	SOX4
NCBI Official Synonym Symbols	EVI16
NCBI Protein Information	transcription factor SOX-4
UniProt Protein Name	Transcription factor SOX-4
UniProt Gene Name	SOX4
UniProt Entry Name	SOX4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/sox4-antibody-western-blot-immunohistochemistry-elisa/197547>