

Rabbit SOX4 Polyclonal Antibody | anti-SOX4 antibody

SOX4 Antibody

CATALOG # AAA40580	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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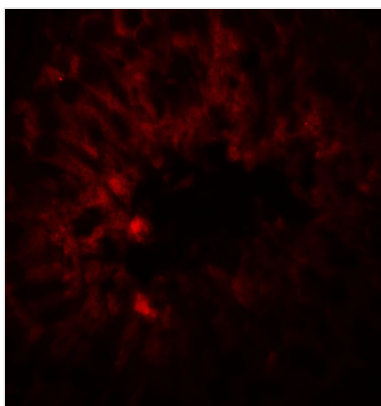
PRODUCT SYNONYMS

SOX4; Polyclonal Antibody; SOX4 Antibody; SRY (Sex determining region Y)-box 4; Transcription factor SOX-4; EVI16 ; anti-SOX4 antibody

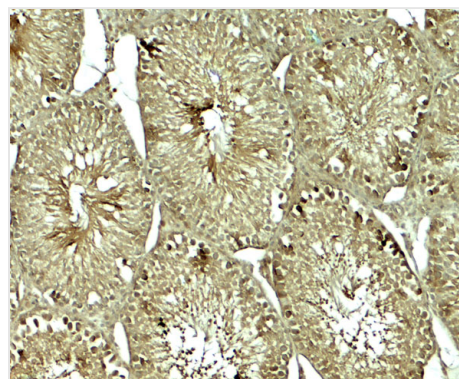
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SOX4 antibody is human, mouse and rat reactive.
Purity/Purification	SOX4 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	474
Applicable Applications for anti-SOX4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SOX4 antibody was raised against a 16 amino acid peptide near the amino terminus of human SOX4.
Buffer	SOX4 antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.

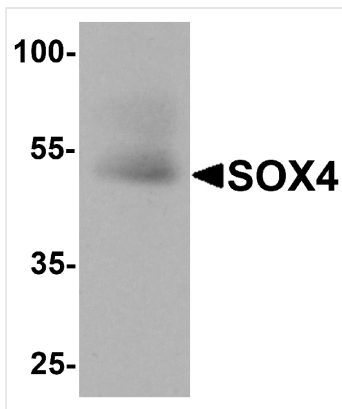
IMAGES


IF (Immunofluorescence)

Immunofluorescence of SOX4 in rat testis tissue with SOX4 antibody at 20 &#956;g/mL.


IHC (Immunohistochemistry)

Immunohistochemistry of SOX4 in rat testis tissue with SOX4 antibody at 5 &#956;g/mL.



WB (Western Blot)

Western blot analysis of SOX4 in human testis tissue lysate with SOX4 antibody at 1 μg/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-SOX4 antibody

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 (1,2). It may act as a transcriptional regulator after forming a protein complex with other proteins, such as syndecan binding protein (syntenin) (3). SOX4 contains one HMG box DNA-binding domain and may function in the apoptosis pathway leading to cell death. It has also been suggested to play a role in tumorigenesis and may mediate downstream effects of parathyroid hormone (PTH) and PTH-related protein (PTHrP) in bone development (4,5).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507163
NCBI GeneID	6659
NCBI Accession #	NP_003098
NCBI GenBank Nucleotide #	NM_003107.2
UniProt Accession #	Q06945
Molecular Weight	Predicted: 52 kDa Observed: 520 kDa
NCBI Official Full Name	transcription factor SOX-4
NCBI Official Synonym Full Names	SRY (sex determining region Y)-box 4
NCBI Official Symbol	SOX4
NCBI Official Synonym Symbols	EVI16
NCBI Protein Information	transcription factor SOX-4; SRY-related HMG-box gene 4; ecotropic viral integration site 16
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sox4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40580>