

Rabbit anti-Human, Mouse SOX4 Polyclonal Antibody | anti-SOX4 antibody

SOX4 Rabbit pAb

CATALOG # AAA281573	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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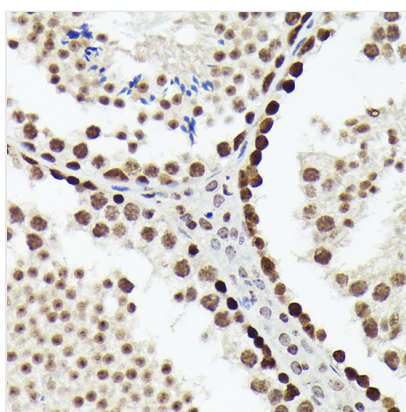
PRODUCT SYNONYMS

SOX4; Polyclonal Antibody; SOX4 Rabbit pAb; EVI16; SRY-box 4; anti-SOX4 antibody

PRODUCT SPECIFICATIONS

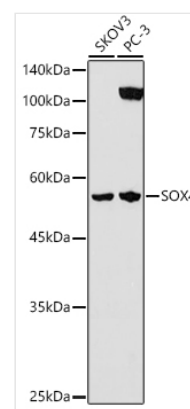
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	MVQQTNNAEN TEALLAGESS DSGAGLELGI ASSPTPGSTA STGGKADDPS WCKTPSGHIK RPMNAFMVWS QIERRKIMEQ SPDMHNAEIS KRLGKRWKLL
Applicable Applications for anti-SOX4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human SOX4 (NP_003098.1).
Cellular Location	Nucleus
Positive Samples	SKOV3, PC-3
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse testis using SOX4 antibody at dilution of 1:150 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SOX4 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-SOX4 antibody	Background: 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.
Product Categories/Family for anti-SOX4 antibody	Epigenetics & Nuclear Signaling; Transcription Factors; Research; Stem Cells; Neural Stem Cells; Research; Neuroscience; Cell Type Marker; Neural Stem Cell marker

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://www.aaabiotech.com/polyclonal/sox4-antibody-immunohistochemistry-western-blot-elisa/281573>