

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

SOX4 Antibody (Center)

CATALOG # AAA285683	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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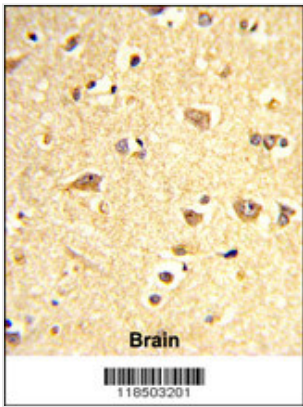
PRODUCT SYNONYMS

SOX4; Polyclonal Antibody; SOX4 Antibody (Center); Transcription factor SOX-4; anti-SOX4 antibody

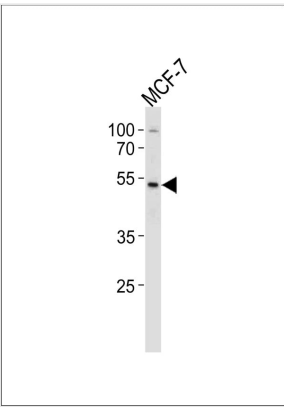
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SOX4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 269-297 amino acids from the Central region of human SOX4.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	269-297
Sequence Length	474
Applicable Applications for anti-SOX4 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain reacted with SOX4 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
SOX4 Antibody (Center) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the SOX4 antibody detected the SOX4 protein (arrow).

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. The 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	Crown Antibodies; Neuroscience; Signal Transduction
References	Farr C.J., Easty D.J.Mamm. Genome 4:577-584(1993) Pan X., Li H., Zhang P.Biochem. Biophys. Res. Commun. 344:727-734(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507163
NCBI GeneID	6659
NCBI Accession #	NP_003098.1
NCBI GenBank Nucleotide #	NM_003107.2
UniProt Accession #	Q06945
Molecular Weight	47263
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
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-western-blot-immunohistochemistry-elisa/285683>