

Rabbit SOX1 Polyclonal Antibody | anti-SOX1 antibody

SOX1 Antibody (N-term)

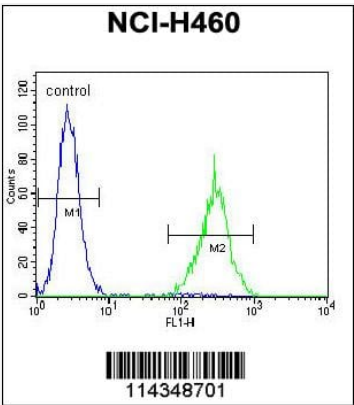
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290089	Rabbit	Human (Predicted Reactivity: Chicken, Zebrafish, Monkey, Mouse, Xenopus)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

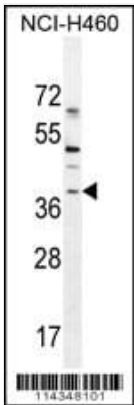
SOX1; Polyclonal Antibody; SOX1 Antibody (N-term); Transcription factor SOX-1; anti-SOX1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Chicken, Zebrafish, Monkey, Mouse, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SOX1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 47-76 amino acids from the N-terminal region of human SOX1.
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	47-76
Sequence Length	391
Applicable Applications for anti-SOX1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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.



FCM/FACS (Flow Cytometry)
SOX1 Antibody (N-term) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
SOX1 Antibody (N-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the SOX1 antibody detected the SOX1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SOX1 antibody	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 activator after forming a protein complex with other proteins. In mice, a similar protein regulates the gamma-crystallin genes and is essential for lens development.
Product Categories/Family for anti-SOX1 antibody	Neuroscience; Signal Transduction
References	Panayi, H., et al. J. Neurosci. 30(37):12274-12280(2010) Phi, J.H., et al. J Neurosurg Pediatr 5(6):608-614(2010) Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) : Titulaer, M.J., et al. J. Clin. Oncol. 27(26):4260-4267(2009) Stolk, L., et al. Nat. Genet. 41(6):645-647(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	30179900
NCBI GeneID	6656
NCBI Accession #	NP_005977.2
NCBI GenBank Nucleotide #	NM_005986.2
UniProt Accession #	O00570; Q5W0Q1
Molecular Weight	39023
NCBI Official Full Name	transcription factor SOX-1
NCBI Official Synonym Full Names	SRY (sex determining region Y)-box 1
NCBI Official Symbol	SOX1
NCBI Protein Information	transcription factor SOX-1
UniProt Protein Name	Transcription factor SOX-1
UniProt Gene Name	SOX1

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/sox1-antibody-flow-cytometry-western-blot-elisa/290089>