

Rabbit anti-Human SOX1 Polyclonal Antibody | anti-SOX1 antibody

SOX1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327420	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

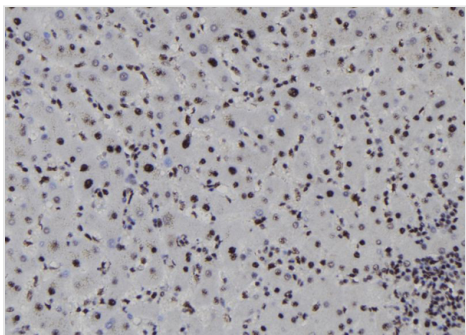
PRODUCT SYNONYMS

SOX1; Polyclonal Antibody; SOX1 Antibody; Sex determining region Y box 1; sox1; SOX1_HUMAN; SRY; SRY box containing gene 1; SRY related HMG box gene 1; Transcription factor Sox-1; anti-SOX1 antibody

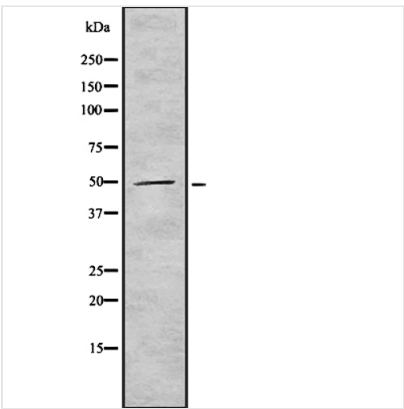
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	SOX1 antibody detects endogenous levels of total SOX1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	391
Applicable Applications for anti-SOX1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SOX1
Subcellular Location	Nucleus.
Tissue Specificity	Mainly expressed in the developing central nervous system.
Predicted Cross Reactivity	Pig, Bovine, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Rabbit (92%), Dog (100%), Chicken (92%), Xenopus (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohiostchemistry)
AAA327420 at 1/100 staining Human liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis SOX1 using HeLa whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-SOX1 antibody	Function: Transcriptional activator. May function as a switch in neuronal development. Keeps neural cells undifferentiated by counteracting the activity of proneural proteins and suppresses neuronal differentiation (By similarity).
--	---

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	Observed: 50 kDa Predicted: 40 kDa
NCBI Official Full Name	transcription factor SOX-1
NCBI Official Synonym Full Names	SRY-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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/sox1-antibody-immunohistochemistry-western-blot-elisa/327420>