

Rabbit SOX1 Polyclonal Antibody | anti-SOX1 antibody

SOX1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198378	Rabbit	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Zebrafish	Western Blot

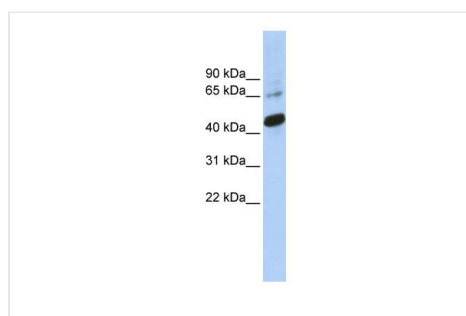
PRODUCT SYNONYMS

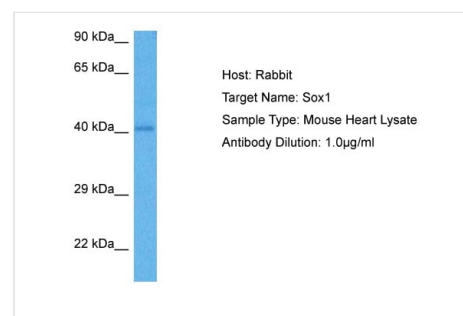
SOX1; Polyclonal Antibody; SOX1 antibody - middle region; anti-SOX1 antibody

PRODUCT SPECIFICATIONS

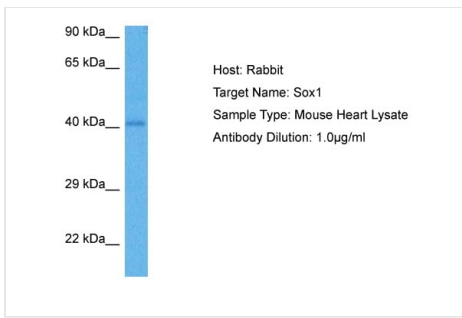
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: RE MISMYLPAGE GGDPAAAAAA AAQSRLHSLP QHYQGAGAGV NGTVPLTH
Sequence Length	391
Applicable Applications for anti-SOX1 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 79%; Human: 100%; Mouse: 100%; Rabbit: 100%; Zebrafish: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SOX1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-SOX1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Jurkat cell lysate

WB (Western Blot)

Host: Rabbit
Target Name: SOX1
Sample Tissue: Mouse Heart
Antibody Dilution: 1ug/ml



WB (Western Blot)

Host: Mouse Target Name: SOX1 Sample Tissue: Mouse Heart Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-SOX1 antibody	This is a rabbit polyclonal antibody against SOX1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: SOX1 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. SOX1 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. 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	Polyclonal; Transcription Factor; Transcription Regulation; Membrane Protein; Transcription Regulation; Developmental Biology; Stem Cells; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	30179900
NCBI GeneID	6656
NCBI Accession #	NP_005977
NCBI GenBank Nucleotide #	NM_005986
UniProt Accession #	O00570
Molecular Weight	39kDa
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
UniProt Entry Name	SOX1_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/sox1-antibody-western-blot-elisa/198378>