

Rabbit SOX2 Polyclonal Antibody | anti-SOX2 antibody

SOX2 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198270	Rabbit	Cow, Goat, Human, Mouse, Pig, Rat, Zebrafish	Western Blot

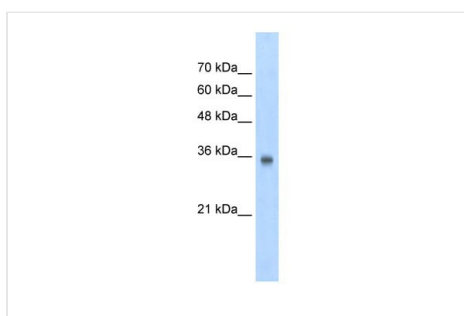
PRODUCT SYNONYMS

SOX2; Polyclonal Antibody; SOX2 antibody - N-terminal region; anti-SOX2 antibody

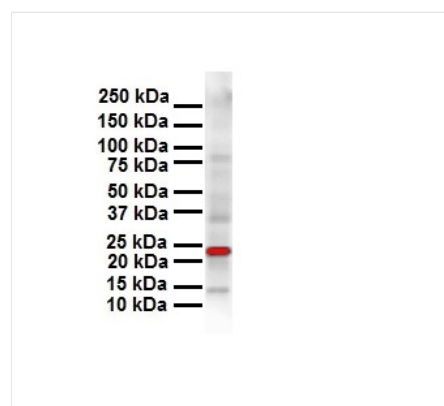
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Goat, Human, Mouse, Pig, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A 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: AA GGNQKNSPDR VKRPMNAFMV WSRGQRRKMA QENPKMHNSE ISKRLGAE
Sequence Length	317
Applicable Applications for anti-SOX2 antibody	WB (Western Blot)
Homology	Cow: 100%; Goat: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SOX2
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.

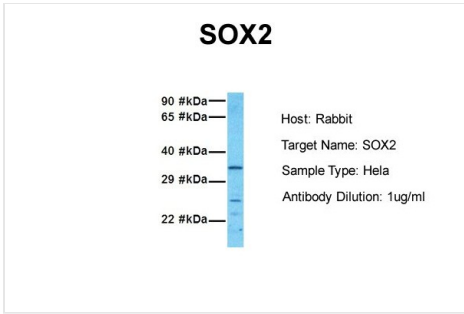
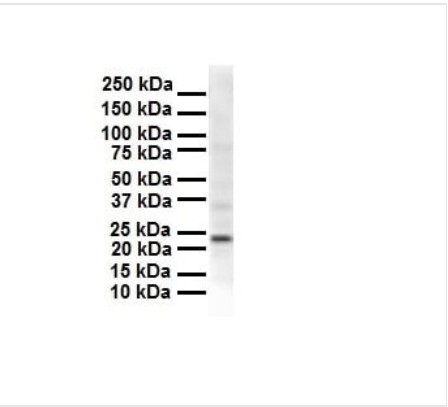
IMAGES


WB (Western Blot)

WB Suggested Anti-SOX2 Antibody Titration: 2.5ug/ml Positive Control: Jurkat cell lysate


WB (Western Blot)

WB Suggested Anti-SOX2 antibody Titration: 1 ug/mL Sample Type: Human OVCAR-3



WB (Western Blot)
Host: RabbitTarget Name: SOX2Sample Tissue: Human HelaAntibody Dilution: 1.0ug/ml

WB (Western Blot)
WB Suggested Anti-SOX2 antibody Titration: 1 ug/mLSample Type: Human Hela

ADDITIONAL INFORMATION

Related Product Information for anti-SOX2 antibody	This is a rabbit polyclonal antibody against SOX2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: SOX2 is a member of the SRY-related HMG-box (SOX) family of transcription factors involved in the regulation of embryonic development and in the determination of cell fate. The protein may act as a transcriptional activator after forming a protein complex with other proteins. Mutations in this gene have been associated with bilateral anophthalmia, a severe form of structural eye malformation.This intronless gene encodes a member of the SRY-related HMG-box (SOX) family of transcription factors involved in the regulation of embryonic development and in the determination of cell fate. The encoded protein may act as a transcriptional activator after forming a protein complex with other proteins. Mutations in this gene have been associated with bilateral anophthalmia, a severe form of structural eye malformation. This gene lies within an intron of another gene called SOX2 overlapping transcript (SOX2OT).
Product Categories/Family for anti-SOX2 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Developmental Biology; Stem Cells; Disease Related; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	28195386
NCBI GeneID	6657
NCBI Accession #	NP_003097
NCBI GenBank Nucleotide #	NM_003106
UniProt Accession #	P48431
Molecular Weight	34kDa
NCBI Official Full Name	transcription factor SOX-2
NCBI Official Synonym Full Names	SRY-box 2
NCBI Official Symbol	SOX2
NCBI Official Synonym Symbols	ANOP3; MCOPS3
NCBI Protein Information	transcription factor SOX-2
UniProt Protein Name	Transcription factor SOX-2
UniProt Gene Name	SOX2
UniProt Entry Name	SOX2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/sox2-antibody-western-blot-elisa/198270>