

Rabbit SOX2 Polyclonal Antibody | anti-SOX2 antibody

SOX2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23461	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish	Immunohistochemistry, Western Blot

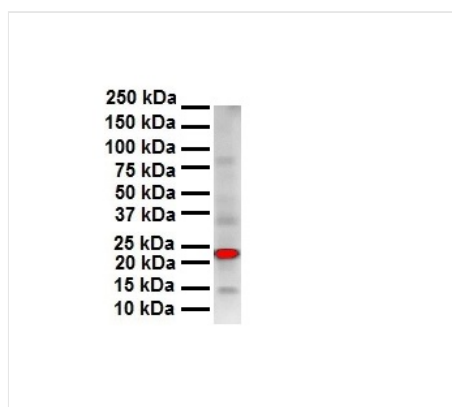
PRODUCT SYNONYMS

SOX2; Polyclonal Antibody; SOX2 antibody - middle region; anti-SOX2 antibody

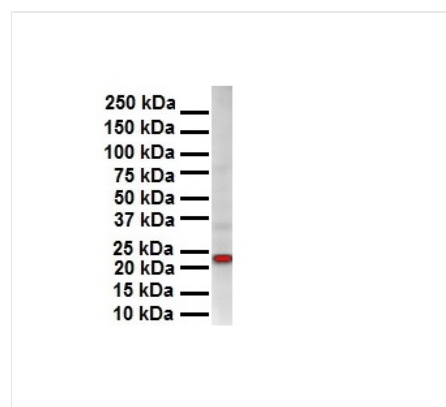
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, 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: AG DLRDMISMYL PGAEVPEPAA PSRLHMSQHY QSGPVPGTAI NGTLPLSH
Sequence Length	317
Applicable Applications for anti-SOX2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle 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.

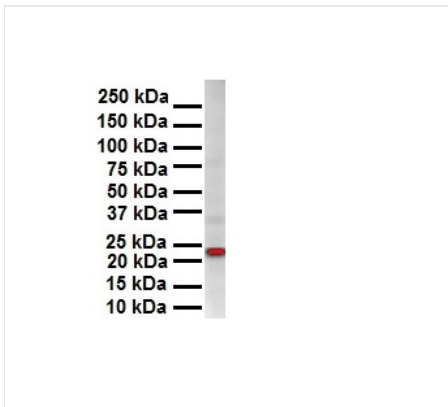
IMAGES


WB (Western Blot)

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

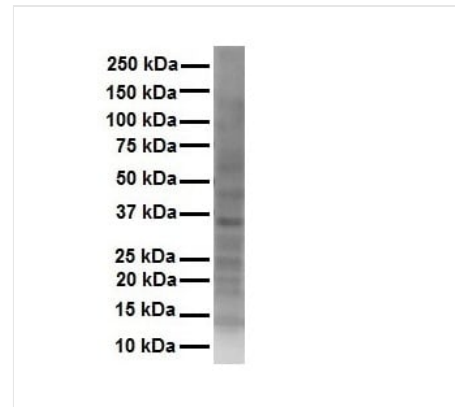

WB (Western Blot)

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



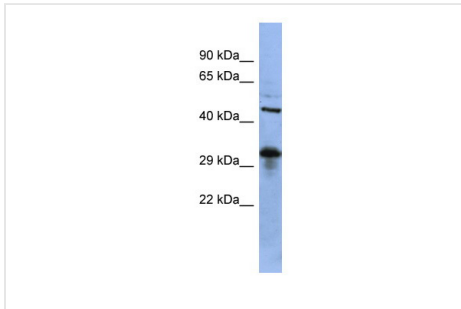
WB (Western Blot)

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



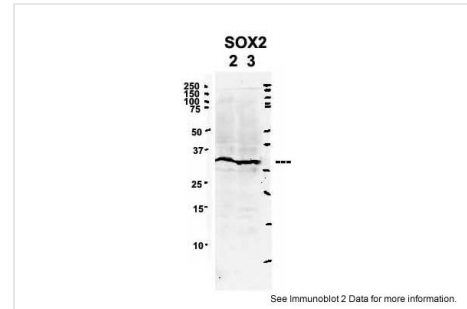
WB (Western Blot)

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



WB (Western Blot)

WB Suggested Anti-SOX2 Antibody Titration: 0.2-1 ug/mL ELISA Titer: 1:1562500 Positive Control: HT1080 cell lysate



WB (Western Blot)

Sample Type: Mouse, Rat Sample Type: 2. mouse brain extracts (80ug) 3. rat brain extract (80ug) Primary Antibody Dilution: 2ug/ml Secondary Antibody: IRDye 800CW goat anti-rabbit from Li-COR Bioscience Secondary Antibody Dilution: 1: 20,000 Image Submitted by: Yuzhi Chen University of Arkansas for Medical Science

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
Product Categories/Family for anti-SOX2 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Developmental Biology; Neuroscience; Stem Cells; Immunohistochemistry; 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sox2-antibody-immunohistochemistry-western-blot-elisa/23461>