

Rabbit anti-Human, Mouse SOX2 Polyclonal Antibody | anti-SOX2 antibody

SOX2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311909	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

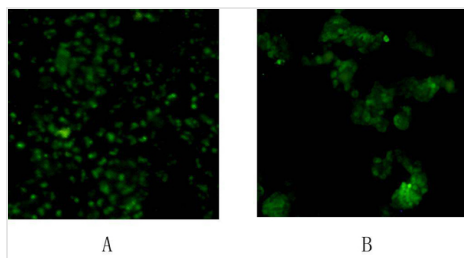
PRODUCT SYNONYMS

SOX2; Polyclonal Antibody; SOX2 Antibody; ANOP3 antibody; cb236 antibody; Delta EF2a antibody; lcc antibody; MCOPS3 antibody; MGC148683 antibody; MGC2413 antibody; RGD1565646 antibody; Sex determining region Y box 2 antibody; SOX 2 antibody; Sox2 antibody; SOX2_HUMAN antibody; SRY (sex determining region Y) box 2 antibody; SRY box containing gene 2 antibody; SRY related HMG box 2 antibody; SRY related HMG box gene 2 antibody; SRY-box 2 antibody; Transcription factor SOX 2 antibody; Transcription factor SOX-2 antibody; ysb antibody; anti-SOX2 antibody

PRODUCT SPECIFICATIONS

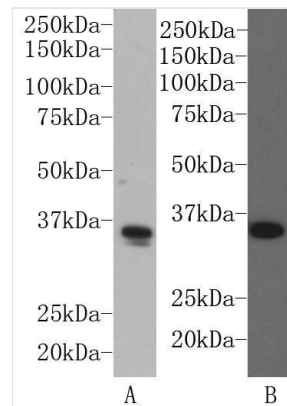
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Immunogen affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-SOX2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



ICC (Immunocytochemistry)

ICC image of SOX2 antibody stained human F9 cells (A) and NCCIT cells (B). The secondary antibody (green) was goat anti-rabbit IgG (H+L) FITC conjugated.



WB (Western Blot)

Western blot analysis on F9 (A) and MCF-7 (B) cell lysates using anti-SOX2 rabbit polyclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SOX2 antibody	SRY (sex determining region Y)-box 2, also known as SOX2, is a transcription factor that is essential to maintain self-renewal of undifferentiated embryonic stem cells. Sox2, Oct-4 and Nanog co-operate in this network, and siRNA knockdown of either Sox2 or Oct-4 results in loss of pluripotency. POU5F1/OCT4, SOX2, MYC/c-Myc and KLF4 are the four Yamanaka factors. When combined, these factors are sufficient to reprogram differentiated cells to an embryonic-like state designated iPS (induced pluripotent stem) cells
Product Categories/Family for anti-SOX2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	28195386
NCBI GeneID	6657
NCBI Accession #	NP_003097.1
NCBI GenBank Nucleotide #	NM_003106.3
UniProt Accession #	P48431; Q14537
Molecular Weight	34kDa
NCBI Official Full Name	transcription factor SOX-2
NCBI Official Synonym Full Names	SRY (sex determining region Y)-box 2
NCBI Official Symbol	SOX2
NCBI Official Synonym Symbols	ANOP3; MCOPS3
NCBI Protein Information	transcription factor SOX-2; transcription factor SOX2; SRY-related HMG-box gene 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/311909>