

Rabbit SOX8/9/17/18 Polyclonal Antibody | anti-SOX8 antibody

SOX8/9/17/18 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327636	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SOX8/9/17/18; Polyclonal Antibody; SOX8/9/17/18 Antibody; MGC24837; SOX 8; Sox8; SOX8_HUMAN; SRY (sex determining region Y) box 8; SRY box 8; SRY box containing gene 8; Transcription factor SOX 8; Transcription factor SOX-8; Transcription factor SOX8; campomelic dysplasia autosomal sex reversal; CMD 1; CMD1; CMPD 1; CMPD1; SOX 9; Sox9; SOX9_HUMAN; SRA 1; SRA1; SRXX2; SRXY10; SRY (sex determining region Y) box 9 (campomelic dysplasia autosomal; SRY (sex determining region Y) box 9; SRY (sex determining region Y)-box 9; SRY (sex-determining region Y)-box 9 protein; SRY related HMG box gene 9; Transcription factor SOX 9; Transcription factor SOX-9; transcription factor SOX9; FLJ22252; SOX17; SOX17_HUMAN; SRY (sex determining region Y) box 17; SRY box 17; SRY related HMG box transcription factor SOX17; Transcription factor SOX-17; Transcription factor SOX17; VUR3; HLTS; SOX 18; Sox18; SOX18_HUMAN; SRY (sex determining region Y) box 18; SRY box 18; Transcription factor SOX 18; Transcription factor SOX-18; anti-SOX8 antibody

PRODUCT SPECIFICATIONS

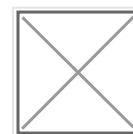
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SOX8/9/17/18 antibody detects endogenous levels of total SOX8/9/17/18
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	446
Applicable Applications for anti-SOX8 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SOX8/9/17/18
Subcellular Location	Nucleus.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA327636 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis SOX8/9/17/18 using HepG2 whole cell lysates



IHC (Immunohistochemistry)

AAA327636 at 1/100 staining Rat kidney 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.

ADDITIONAL INFORMATION

Related Product Information for anti-SOX8 antibody

Function: May play a role in central nervous system, limb and facial development. May be involved in male sex determination. Binds the consensus motif 5'-[AT][AT]CAA[AT]G-3' (By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	30179903
NCBI GeneID	30812
NCBI Accession #	NP_055402.2
NCBI GenBank Nucleotide #	NM_014587.4
UniProt Accession #	P57073; Q9NZW2
Molecular Weight	Observed: 47 kDa Predicted: 48 kDa
NCBI Official Full Name	transcription factor SOX-8
NCBI Official Synonym Full Names	SRY-box 8
NCBI Official Symbol	SOX8
NCBI Protein Information	transcription factor SOX-8
UniProt Protein Name	Transcription factor SOX-8
UniProt Gene Name	SOX8

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/sox8-9-17-18-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/327636>