

SOX9 recombinant antibody

SOX9 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA315170	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

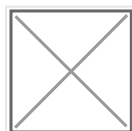
PRODUCT SYNONYMS

SOX9; Monoclonal Recombinant Antibody; SOX9 Rabbit mAb; CMD1; Sox9; SRA1; SRXX2; SRXY10; SRY (sex determining region Y) box 9; Transcription factor SOX 9; SOX9 recombinant antibody

PRODUCT SPECIFICATIONS

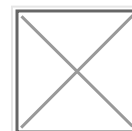
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Specificity	SOX9 Antibody detects endogenous levels of SOX9
Purity/Purification	Affinity-chromatography
Form/Format	Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for SOX9 recombinant antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SOX9
Preparation and Storage	Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.

IMAGES



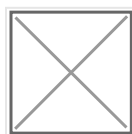
IF (Immunofluorescence)

Immunofluorescent analysis of SW480 cells, using SOX9 Antibody .



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human colon, using SOX9 Antibody .



WB (Western Blot)

Western blot analysis of SOX9 expression in SW480 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for SOX9 recombinant antibody	Regulates several important processes during embryonic development including chondrogenesis, during which it contributes to skeletal formation and digit specification (2,3). Sox9 also coordinates with steroidogenic factor-1 to direct Sertoli cell-specific expression of anti-Mullerian hormone during embryogenesis, thereby contributing to male sex determination.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557853
NCBI GeneID	6662
NCBI Accession #	NP_000337.1
NCBI GenBank Nucleotide #	NM_000346.3
UniProt Accession #	P48436; Q53Y80
Molecular Weight	56,137 Da
NCBI Official Full Name	transcription factor SOX-9
NCBI Official Synonym Full Names	SRY (sex determining region Y)-box 9
NCBI Official Symbol	SOX9
NCBI Official Synonym Symbols	CMD1; SRA1; CMPD1
NCBI Protein Information	transcription factor SOX-9; SRY-related HMG-box, gene 9; SRY (sex-determining region Y)-box 9 protein
UniProt Protein Name	Transcription factor SOX-9
UniProt Gene Name	SOX9
UniProt Entry Name	SOX9_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/monoclonal/sox9-recombinant-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/315170>