

Mouse anti-Human SOX9 Monoclonal Antibody | anti-SOX9 antibody

Anti-SOX9 Antibody

CATALOG # AAA264915	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	----------------------	----------------------------	---

PRODUCT SYNONYMS

SOX9; Monoclonal Antibody; Anti-SOX9 Antibody; Transcription factor SOX-9; anti-SOX9 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2b
Specificity	Recognizes endogenous levels of SOX9 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Applicable Applications for anti-SOX9 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human SOX9. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



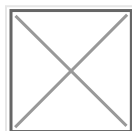
IF (Immunofluorescence)

Immunohistochemical analysis of SOX9 staining in human colon carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



IHC (Immunohistochemistry)

Immunohistochemical analysis of SOX9 staining in human breast carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of SOX9 expression in SW480 (A), HepG2 (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-SOX9 antibody	Mouse monoclonal antibody to SOX9
--	-----------------------------------

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/sox9-antibody-immunohistochemistry-western-blot-elisa/264915>