

Rabbit SOX9 Polyclonal Antibody | anti-SOX9 antibody

Anti-SOX9 Antibody (aa225-275) IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162154	Rabbit	Mouse, Dog, Rat, Human	Western Blot, Immunohistochemistry

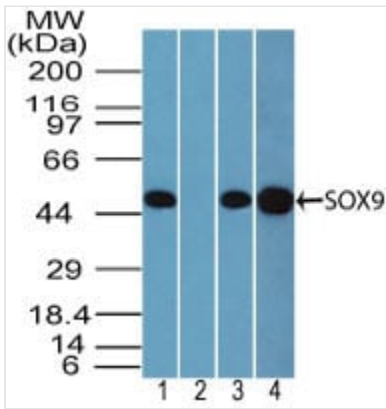
PRODUCT SYNONYMS

SOX9; Polyclonal Antibody; Anti-SOX9 Antibody (aa225-275) IHC-plus; Rabbit Polyclonal to Human SOX9; Human SOX9; CMD1; CMPD1; SRY-related HMG-box; gene 9; Transcription factor SOX-9; anti-SOX9 antibody

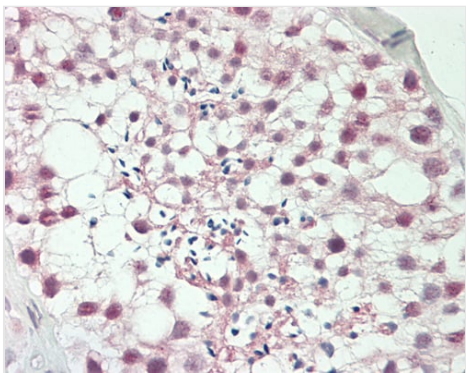
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Dog, Rat, Human
Clonality	Polyclonal
Specificity	Human SOX9
Purity/Purification	Protein A purified
Form/Format	PBS, 0.05% BSA, 0.05% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	509
Applicable Applications for anti-SOX9 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	SOX9 antibody was raised against a portion of amino acids 225-275 of human SOX9 was used as the immunogen.
Immunogen Description	A portion of amino acids 225-275 of human SOX9 was used as the immunogen.
Immunogen Type	Synthetic peptide
Antigen Modification	aa225-275
Target Species	Human
Preparation and Storage	Store at 4 degree C for short term applications. For long term storage, aliquot and store at -20 degree C.

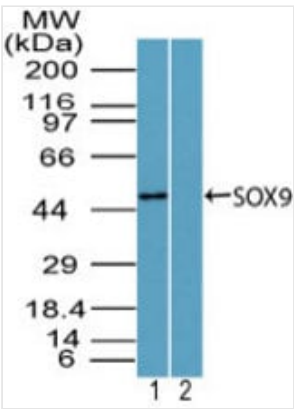
IMAGES



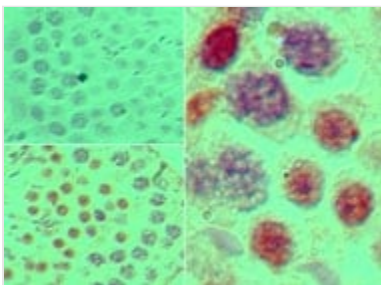
WB (Western Blot)
Western blot of SOX9 in human brain lysate in the 1) absence and 2) presence of immunizing peptide, 3) mouse brain and 4) rat brain lysate at 3 ug/ml.



IHC (Immunohistochemistry)
Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)



WB (Western Blot)
Western blot of SOX9 in mouse embryo brain lysate in the 1) absence and 2) presence of immunizing peptide at 2 ug/ml. Goat anti-rabbit Ig HRP secondary antibody, and PicoTest ECL substrate solution, were used for this test.



IHC (Immunohistochemistry)
IHC of SOX9 in formalin-fixed, paraffin-embedded mouse testis tissue using an isotype control (top left) (bottom left, right) at 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-SOX9 antibody	SOX9 Antibody, CMD1 Antibody, CMPD1 Antibody, SRY-related HMG-box, gene 9 Antibody, Transcription factor SOX-9 Antibody Description: The SOX9 protein recognizes the sequence CCTTGAG along with other members of the HMG-box class DNA-binding proteins. It acts during chondrocyte differentiation and, with steroidogenic factor 1, regulates transcription of the anti-Muellerian hormone (AMH) gene. Deficiencies lead to the skeletal malformation syndrome campomelic dysplasia, frequently with sex reversal.
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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-box 9
NCBI Official Symbol	SOX9

NCBI Official Synonym Symbols	CMD1; SRA1; CMPD1; SRXX2; SRXY10
NCBI Protein Information	transcription factor SOX-9
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://www.aaabiotech.com/polyclonal/sox9-antibody-western-blot-immunohistochemistry-elisa/162154>