Rabbit SOX10 Monoclonal Antibody | anti-SOX10 antibody

SOX10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312352	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Western Blot**

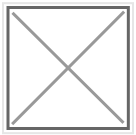
PRODUCT SYNONYMS

SOX10; Monoclonal Antibody; SOX10 Antibody; DOM antibody; Dominant megacolon mouse human homolog of antibody; MGC15649 antibody; PCWH antibody; SOX 10 antibody; SOX10 antibody; SOX10_HUMAN antibody; SRY (sex determining region Y) box 10 antibody; SRY box 10 antibody; SRY box containing gene 10 antibody; SRY related HMG box gene 10 antibody; Transcription factor SOX 10 antibody; Transcription factor SOX-10 antibody; WS2E antibody; WS4 antibody; WS4C antibody; anti-SOX10 antibody

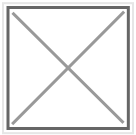
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SD204-04
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-SOX10 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



ICC (Immunocytochemistry)
ICC staining SOX10 in NCCIT cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)
ICC staining SOX10 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-SOX10 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-SOX10 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-SOX10 antibody	Sox genes comprise a family of genes that are related to the mammalian sex determining gene SRY. These genes similarly contain sequences that encode for the HMG-box domain, which is responsible for the sequence-specific DNA-binding activity. Sox genes encode putative transcriptional regulators implicated in the decision of cell fates during development and the control of diverse developmental processes. The highly complex group of Sox genes cluster at least 40 different loci that rapidly diverged in various animal lineages. At present, 30 Sox genes have been identified. Members of this family have been shown to be conserved during evolution and to play key roles during animal development. Some are involved in human diseases, including sex reversal.
Product Categories/Family for anti-SOX10 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	5902104
NCBI GeneID	6663
NCBI Accession #	NP_008872
NCBI GenBank Nucleotide #	NM_006941.3
UniProt Accession #	P56693; Q6FHW7; B4DV62
Molecular Weight	Predicted: 51 kDa Observed: 54 kDa
NCBI Official Full Name	transcription factor SOX-10
NCBI Official Synonym Full Names	SRY-box 10
NCBI Official Symbol	SOX10
NCBI Official Synonym Symbols	DOM; WS4; PCWH; WS2E; WS4C
NCBI Protein Information	transcription factor SOX-10
UniProt Protein Name	Transcription factor SOX-10
UniProt Gene Name	**SOX10**

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/sox10-antibody-clone-sd204-04-immunohistochemistry-immunofluorescence-immunocytochemistry-western-blot-elisa/312352