

Rabbit SOX10 Polyclonal Antibody | anti-SOX10 antibody

SOX10 Antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23423	Rabbit	Reactivity: Human Predicted: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SOX10; Polyclonal Antibody; SOX10 Antibody - middle region; anti-SOX10 antibody

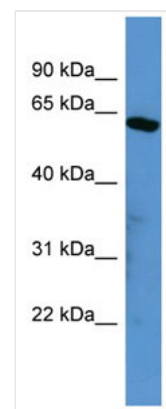
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Reactivity: Human Predicted: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PG GEAEQGGTAA IQAHYKSAHL DHRHPGEGSP MSDGNPEHPS GQSHGPPT
Sequence Length	466
Applicable Applications for anti-SOX10 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Blocking Peptide: please inquire
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SOX10
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

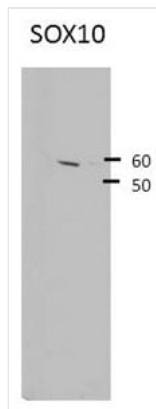
IMAGES


WB (Western Blot)

Western Blot (WB) Host: Rabbit Target: SOX10 Positive control (+): Rat brain (R-BR) Negative control (-): Mouse intestine (M-IN) Antibody concentration: 1ug/ml


WB (Western Blot)

WB Suggested Anti-SOX10 Antibody Titration: .25ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate



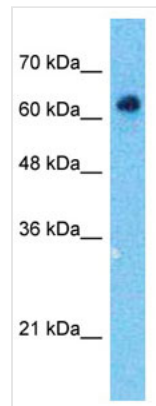
WB (Western Blot)

SOX10 antibody - middle region validated by WB using Hek 293 Whole Cell Lysate at 1:4,000.



WB (Western Blot)

Host: RabbitTarget Name: SOX10Sample Type: Jurkat cell lysatesLane A: Primary AntibodyLane B: Primary Antibody + Blocking PeptidePrimary Antibody Concentration: 2.5ug/mlPeptide Concentration: 4.0ug/mlLysate Quantity: 25ug/laneGel Concentration: 12%



WB (Western Blot)

Host: RabbitTarget Name: SOX10Sample Type: HepG2 Whole Cell lysatesAntibody Dilution: 0.5ug/ml



WB (Western Blot)

Host: RabbitTarget Name: SOX10Sample Tissue: Human MCF7 Whole CellAntibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-SOX10 antibody	SOX10 is a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. This protein may act as a transcriptional activator after forming a protein complex with other proteins. It acts as a nucleocytoplasmic shuttle protein and is important for neural crest and peripheral nervous system development. Mutations in this gene are associated with Waardenburg-Shah and Waardenburg-Hirschsprung disease.
Product Categories/Family for anti-SOX10 antibody	Polyclonal ; Transcription Factor ; Transcription Regulation ; Transcription Regulation ; Cell Biology ; Chromatin & Nuclear Signaling ; Developmental Biology ; Immunology ; Disease Related ; Immunohistochemistry ; Cell Structure ; Transcription Factors ; Cell Differ

NCBI AND UNIPROT INFORMATION

NCBI GI #	5902104
NCBI GeneID	6663
NCBI Accession #	NP_008872
NCBI GenBank Nucleotide #	NM_006941
UniProt Accession #	P56693
Molecular Weight	50kDa
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://www.aaabiotech.com/polyclonal/sox10-antibody-immunohistochemistry-western-blot-elisa/23423>