

Rabbit SOX10 Polyclonal Antibody | anti-SOX10 antibody

SOX10 Antibody (Center)

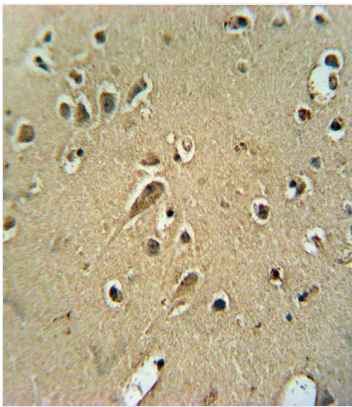
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289421	Rabbit	Human, mouse, rat (Predicted Reactivity: Pig, Rat)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

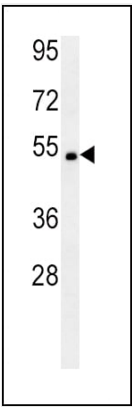
SOX10; Polyclonal Antibody; SOX10 Antibody (Center); Transcription factor SOX-10; anti-SOX10 antibody

PRODUCT SPECIFICATIONS

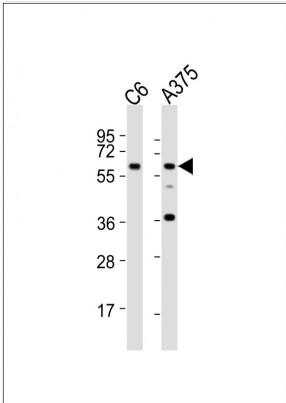
Host	Rabbit
Reactivity	Human, mouse, rat (Predicted Reactivity: Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SOX10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 231-259 amino acids from the Central region of human SOX10.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.37 (varies by lot)
Sequence Positions	231-259
Sequence Length	286
Applicable Applications for anti-SOX10 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



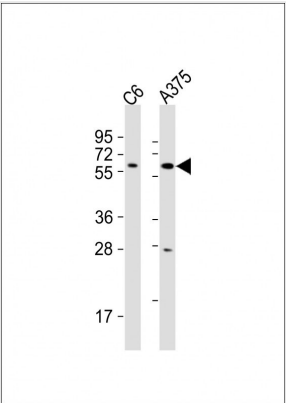
IHC (Immunohistochemistry)
SOX10 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SOX10 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



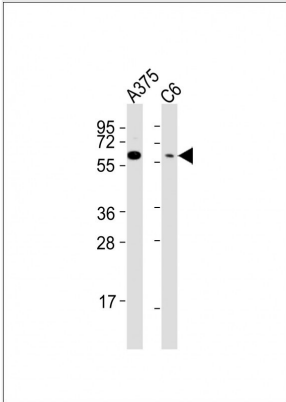
WB (Western Blot)
SOX10 Antibody (Center) western blot analysis in mouse heart tissue lysates (15ug/lane). This demonstrates the SOX10 antibody detected SOX10 protein (arrow).



WB (Western Blot)
All lanes : Anti-SOX10 Antibody (Center) at 1:2000 dilution
Lane 1: C6 whole cell lysates
Lane 2: A375 whole cell lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 50 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.



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ADDITIONAL INFORMATION

Product Categories/Family for anti-SOX10 antibody	Developmental Biology; Signal Transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5902104
NCBI GeneID	6663
NCBI Accession #	NP_008872.1
NCBI GenBank Nucleotide #	NM_006941.3
UniProt Accession #	P56693; Q6FWH7; B4DV62
Molecular Weight	49911
NCBI Official Full Name	transcription factor SOX-10
NCBI Official Synonym Full Names	SRY (sex determining region Y)-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
UniProt Entry Name	SOX10_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/sox10-antibody-immunohistochemistry-western-blot-elisa/289421>