

Goat SOX10 Polyclonal Antibody | anti-SOX10 antibody

Goat anti-SOX10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61729	Goat	Tested: Human, Mouse, Rat Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow, Pig	Immunofluorescence, Western Blot, ELISA

PRODUCT SYNONYMS

SOX10; Polyclonal Antibody; Goat anti-SOX10 Antibody; SRY (sex determining region Y)-box 10; DOM; MGC15649; WS4; OTTHUMP00000028515; SRY-related HMG-box gene 10; dominant megacolon; mouse; human homolog of; SOX10 antibody; SRY (sex determining region Y)-box 10 antibody; DOM antibody; MGC15649 antibody; WS4 antibody; OTTHUMP00000028515 antibody; SRY-related HMG-box gene 10 antibody; human homolog of antibody; anti-SOX10 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Mouse, Rat Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow, Pig
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Sequence	C-DAKAQVKT ETAGPQ
Sequence Length	466
Applicable Applications for anti-SOX10 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-DAKAQVKTETAGPQ, from the internal region of the protein sequence according to NP_008872.1.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-17342
Preparation and Storage	Aliquot and store at -20 degrees C. Minimize freezing and thawing.

IMAGES



IF (Immunofluorescence)

AAA61729 Immunofluorescence analysis of paraformaldehyde fixed KNRK cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. The nuclear stain is DAPI (blue).
Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



WB (Western Blot)

AAA61729 (0.1ug/ml) staining of Mouse Brain lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.



WB (Western Blot)

AAA61729-(0.1ug/ml) staining of Human Cerebellum lysate (35ug protein in RIPA buffer).
Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5902104
NCBI GeneID	6663
NCBI Accession #	NP_008872.1
NCBI GenBank Nucleotide #	NM_006941.3
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
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://stage.aaabiotech.com/polyclonal/sox10-antibody-immunofluorescence-western-blot-peptide-elisa-elisa/61729>