

Rabbit anti-Human SOX10 Polyclonal Antibody | anti-SOX10 antibody

Rabbit anti-SOX10 Antibody, Affinity Purified

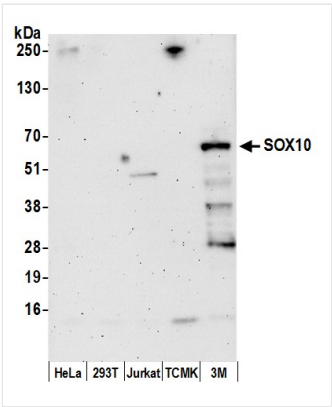
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213300	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

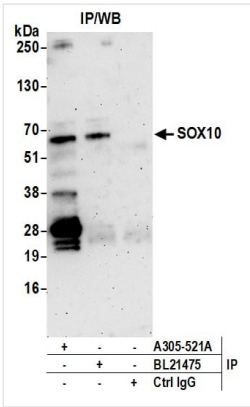
SOX10; Polyclonal Antibody; Rabbit anti-SOX10 Antibody; Affinity Purified; transcription factor SOX-10; SRY-related HMG-box gene 10; WS4C; WS4; SRY (sex determining region Y)-box 10; PCWH; dominant megacolon; mouse; human homolog of; DOM; WS2E; Transcription factor SOX-10; SRY-box 10; anti-SOX10 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-SOX10 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Rat, Pig
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of human and mouse SOX10 by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and Malme-3M [3M] cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SOX10 antibody AAA213300 (lot AAA213300-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)
Detection of human SOX10 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from Malme-3M cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-SOX10 antibody AAA213300 (lot AAA213300-1) used for IP at 6 ug per reaction. SOX10 was also immunoprecipitated by rabbit anti-SOX10 antibody BL21475. For blotting immunoprecipitated SOX10, AAA213300 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

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. SOX10 may act as a transcriptional activator after forming a protein complex with other proteins. SOX10 acts as a nucleocytoplasmic shuttle protein and is important for neural crest and peripheral nervous system development [taken from NCBI Entrez Gene (Gene ID: 6663)].
Product Categories/Family for anti-SOX10 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5902104
NCBI GeneID	6663
NCBI Accession #	NP_008872.1
NCBI GenBank Nucleotide #	NM_006941.3
UniProt Accession #	P56693; Q6FHW7; B4DV62
Molecular Weight	49911 MW
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.

