

SOX10 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID P56693.1

Catalog No. A305-521A

GeneID 6663

Lot No. A305-521A-1



APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat and Pig
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to SOX10 immobilized on solid support.

The epitope recognized by A305-521A maps to a region between residue 1 to 50 of human DOM; WS4; PCWH; WS2E; WS4C using the numbering given in entry P56693.1 (GeneID 6663).

Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:2,000 - 1:10,000

Immunoprecipitation 2 - 10 µg/mg lysate

APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

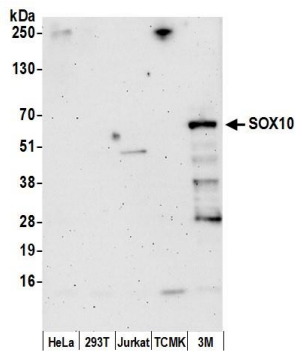
Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.

ADDITIONAL INFO <https://www.bethyl.com/product/A305-521A>

Use the link above to view SDS, a current list of citations, and other product specific information.

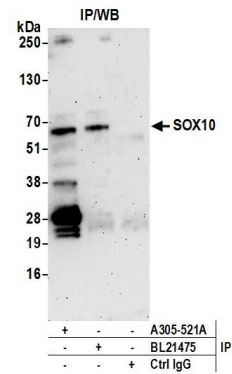
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



Detection of human and mouse SOX10 by western blot.

Samples: Whole cell lysate (15 µg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and Malme-3M [3M] cells prepared using NETN lysis buffer. **Antibody:** Affinity purified rabbit anti-SOX10 antibody A305-521A (lot A305-521A-1) used for WB at 0.1 µg/ml. **Detection:** Chemiluminescence with an exposure time of 3 minutes.



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 A305-521A (lot A305-521A-1) used for IP at 6 µg per reaction. SOX10 was also immunoprecipitated by rabbit anti-SOX10 antibody BL21475. For blotting immunoprecipitated SOX10, A305-521A was used at 0.4 µg/ml. **Detection:** Chemiluminescence with an exposure time of 3 minutes.