SOX2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A301-739A-T

Lot No. A301-739A-T-1

Protein ID NP_003097.1

GeneID 6657

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Sheep
AMOUNT	10 µl
CONCENTRATION	200 µg/ml
STORAGE/SHELF LIFE	2 - 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to SOX2 immobilized on solid support. The epitope recognized by A301-739A-T maps to a region between residue 150 and 200 of human SRY (sex determining region Y)-box 2 using the numbering given in entry NP_003097.1 (GeneID 6657).
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 - 5 µg/mg lysate

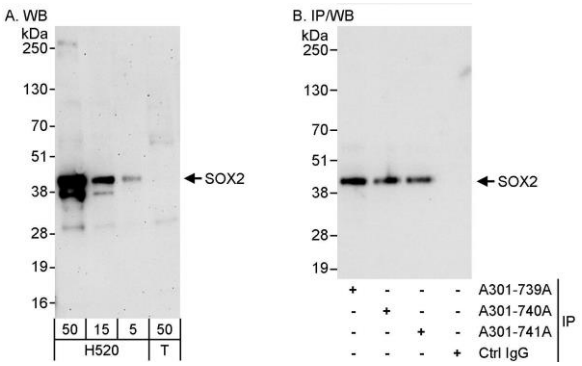
ADDITIONAL INFO https://www.bethyl.com/product/A301-739A-T

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.

Michael Spencer, PhD Date: June 6, 2022



Detection of human SOX2 by western blot and immunoprecipitation. *Samples:* Whole cell lysate from H520 (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-SOX2 antibody A301-739A used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate. SOX2 was also immunoprecipitated by rabbit anti-SOX2 antibodies A301-740A and A301-741A, which recognize downstream epitopes. *Detection:* Chemiluminescence with exposure times of 3 minutes (A) and 3 seconds (B).