

# SOX2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_003097.1

Catalog No. A301-741A-T GenelD 6657

Lot No. A301-741A-T-1

---

<b>APPLICATIONS</b>	WB, IP
<b>SPECIES REACTIVITY</b>	Human
<b>PRESUMED REACTIVITY</b>	Based on 100% sequence identity, this antibody is predicted to react with <i>X. laevis</i> , <i>X. tropicalis</i> , Chicken and Sheep
<b>AMOUNT</b>	10 µl
<b>CONCENTRATION</b>	200 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8°C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using an epitope specific to SOX2 immobilized on solid support.

The epitope recognized by A301-741A-T maps to a region between residue 295 and 317 of human SRY (sex determining region Y)-box 2 using the numbering given in entry NP\_003097.1 (GenelD 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.

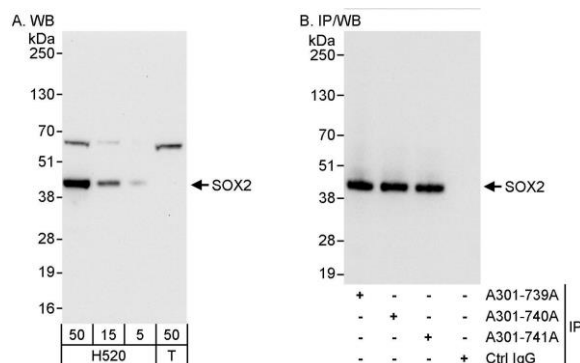
Western Blot 1:2,000 – 1:10,000

Immunoprecipitation 2 – 5 µg/mg lysate

**ADDITIONAL INFO** <https://www.bethyl.com/product/A301-741A-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](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  $\mu$ g for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50  $\mu$ g) cells. *Antibodies:* Affinity purified rabbit anti-SOX2 antibody A301-741A used for WB at 0.04  $\mu$ g/ml (A) and 1  $\mu$ g/ml (B) and used for IP at 3  $\mu$ g/mg lysate. SOX2 was also immunoprecipitated by rabbit anti-SOX2 antibodies A301-739A and A301-740A, which recognize upstream epitopes. *Detection:* Chemiluminescence with exposure times of 10 seconds (A) and 1 second (B).