SOX2 Antibody

Rabbit Polyclonal

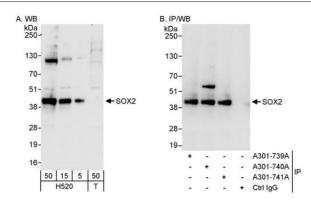
Rabbit i Olycic	mai				
Antigen Affinity Purified		ed	Protein ID	NP_003097.1	
Catalog No.	A301-	740A-T	GenelD	6657	
Lot No.	A301-	740A-T-1			
APPLICATIONS		WB, IP			
SPECIES REACTIVITY		Human			
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Mouse, Chicken and 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 A301–740A–T maps to a region between residue 250 and 300 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	
		Immunoprecipi	tation 2 –	5 µg/mg lysate	
ADDITIONAL IN	NFO	https://www.be	thyl.com/pro	duct/A301-740A-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

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2



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 A301–740A 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 A301–739A and A301–741A, which recognize other epitopes. *Detection:* Chemiluminescence with exposure times of 30 seconds (A) and 1 second (B).