

## Produktinformation



Forschungsprodukte & Biochemikalien
Zellkultur & Verbrauchsmaterial
Diagnostik & molekulare Diagnostik
Laborgeräte & Service

Weitere Information auf den folgenden Seiten! See the following pages for more information!



Lieferung & Zahlungsart siehe unsere Liefer- und Versandbedingungen

## Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

## SZABO-SCANDIC HandelsgmbH

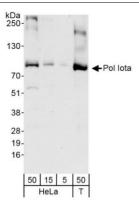
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## Pol lota Antibody

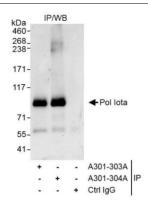
Rabbit Polyclonal					
Antigen Affinity Purified			Protein ID	NP_009126.1	
Catalog No. A301–304A		GenelD	11201	$\mathcal{D}$	
Lot No.	A301-				LABORATORIES, INC
APPLICATIONS		WB, IP			
SPECIES REACTIVITY		Human			
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Monkey, Gorilla and Chimpanzee 100 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 Pol lota immobilized on solid support.			
		The epitope recognized by A301-304A maps to a region between residue 690 and 715 of human DNA polymerase iota using the numbering given in entry NP_009126.1 (GeneID 11201).			
APPLICATIONS		Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.			
		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	
		Immunoprecip	itation 2 –	5 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 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).			
ADDITIONAL INFO		Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE. https://www.bethyl.com/product/A301-304A 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 OfficerDate: October 18, 2019

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**Detection of human Pol lota by western blot.** *Samples:* Whole cell lysate from HeLa (5, 15 and 50  $\mu$ g) and HEK293T (T; 50  $\mu$ g) cells. *Antibodies:* Affinity purified rabbit anti-Pol lota antibody A301–304A (lot A301–304A–1) used for WB at 0.04  $\mu$ g/ml. *Detection:* Chemiluminescence with exposure time of 30 seconds.



Detection of human Pol lota by western blot of immunoprecipitaes. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-Pol lota antibody A301-304A (lot A301-304A-1) used for IP at 3  $\mu$ g/mg lysate. Pol lota was also immunoprecipitated by rabbit anti-Pol lota antibody A301-303A, which recognizes a downstream epitope. For blotting immunoprecipitated Pol lota, A301-304A was used at 1.0  $\mu$ g/ml. Detection: Chemiluminescence with exposure time of 30 seconds.