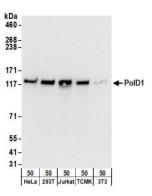
## PolD1 Antibody

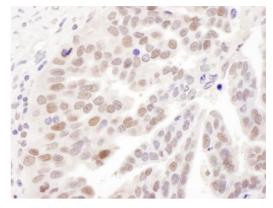
Rabbit Polyclo						
Antigen Affinity Purified			Protein ID	NP_002682.2	1 34	
-	Catalog No. A304-005A		GenelD	5424	BETHYL	
Lot No.	A304-(	J05A-1			LABORATORIES, INC	
APPLICATIONS		WB, IHC				
SPECIES REACTIVITY		Human, Mouse				
AMOUNT		100 µl				
CONCENTRATION		1000 μg/ml				
STORAGE/SHELF LIFE		2 - 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 PolD1 immobilized on solid support.				
		The epitope recognized by A304-005A maps to a region between residue 50 to 100 of human Polymerase (DNA directed), Delta 1, Catalytic Subunit 125kDa using the numbering given in entry NP_002682.2 (GeneID 5424).				
		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	2,000 – 1:10,000		
		Immunoprecipita	tion No	t recommended		
		Immunohistochei	,	,000 – 1:5,000. Epitope retrieval with citra commended for FFPE tissue sections.	te buffer pH 6.0 is	
APPLICATION NOTES Western blot		Western blot of ly	sates perfo	rmed using standard western blot reagents	and 4-8% SDS-PAGE.	
IHC HUMAN CONTROLS Breast Ca		Breast Carcinoma,	Carcinoma, Linitis Plastica Stomach Cancer, Ovarian Carcinoma, Prostate Carcinoma			
IHC MOUSE CONTROLS		Teratoma				
ADDITIONAL INFO		https://www.bethyl.com/product/A304-005A Use the link above to view SDS, a current list of citations, and other product specific information.				

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

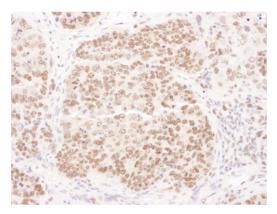
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Detection of human and mouse PolD1 by western blot. Samples: Whole cell lysate (50  $\mu$ g) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. Antibodies: Affinity purified rabbit anti-PolD1 antibody A304-005A (lot A304-005A-1) used for WB at 0.1  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



**Detection of human PolD1 by immunohistochemistry.** *Sample:* FFPE section of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti- PolD1 (Cat. No. A304-005A Lot1) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB. *Counterstain:* Hematoxylin (blue).



**Detection of mouse PolD1 by immunohistochemistry.** *Sample:* FFPE section of mouse teratoma. *Antibody:* Affinity purified rabbit anti- PolD1 (Cat. No. A304-005A Lot1) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB