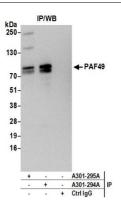
## PAF49 Antibody

Rabbit Polyclonal Antigen Affinity Purified Catalog No. A301–294A Lot No. A301–294A–2		294A G	rotein ID GenelD	NP_036231.1 10849	BETHYL
APPLICATIONS		IP, IHC			LABORATORIES, ING
SPECIES REACTIVITY		Human			
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		Antibody was affinity purified using an epitope specific to PAF49 immobilized on solid support.			
PROCEDURES		The epitope recognized by A301–294A maps to a region between residue 225 and 275 of human RNA polymerase I-associated factor PAF49 (CD3-epsilon-associated protein) using the numbering given in entry NP_036231.1 (GeneID 10849).			
		Immunoglobulin 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	Not	recommended. Use rabbit anti-P	AF49 antibody A301-295A.
		Immunoprecipitat	tion 2 –	5 µg/mg lysate	
		Immunohistochen		,000 – 1:5,000. Epitope retrieval v ommended for FFPE tissue sectior	
APPLICATION NO	OTES	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 4–20% SDS–PAGE (link to IP-western blot protocol in Additional Info section below).			
IHC HUMAN CO	HC HUMAN CONTROLS Breast Carcinoma, Colon Carcinoma				
ADDITIONAL INF	ADDITIONAL INFO https://www.bethyl.com/product/A301-294A Use the link above to view SDS, a current list of citations, and other product specific informatio 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 Officer Date: June 21, 2019

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## Detection of human PAF49 by western blot of

**immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-PAF49 antibody A301-294A (lot A301-294A-2) used for IP at 3 µg per reaction. PAF49 was also immunoprecipitated by rabbit anti-PAF49 antibody A301-295A. For blotting immunoprecipitated PAF49, A301-295A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.

Detection of human PAF49 by immunohistochemistry. *Sample:* FFPE section of human lung cancer. *Antibody:* Affinity purified rabbit anti-PAF49 antibody A301-294A Lot2 used at a dilution of 1:5,000 (0.2  $\mu$ g/ml). *Detection:* DAB