

PAF49 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_036231.1

Catalog No. A301-295A GeneID 10849

Lot No. A301-295A-1



APPLICATIONS	WB, IP, IHC, ICC-IF
SPECIES REACTIVITY	Human
AMOUNT	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 PAF49 immobilized on solid support. The epitope recognized by A301-295A maps to a region between residue 404 and 454 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.

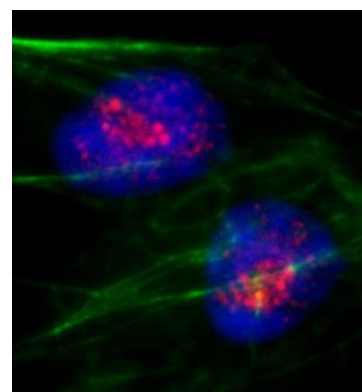
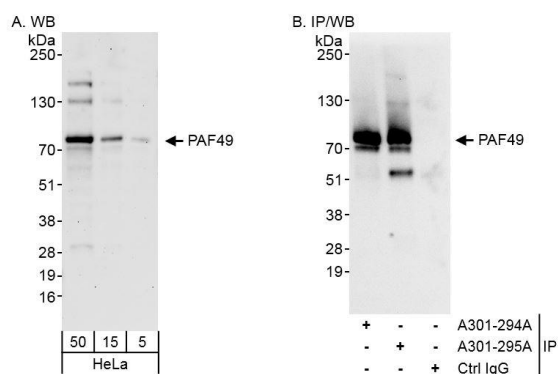
Western Blot	1:2,000 - 1:10,000
Immunoprecipitation	2 - 5 µg/mg lysate
Immunohistochemistry	1:500 - 1:2,000. Epitope retrieval with Tris-EDTA pH 9.0 is recommended for FFPE tissue sections.
Immunofluorescence (ICC)	1:50 - 1:250. Formaldehyde fixation is recommended. Permeabilization with Triton-X 100 is recommended for formaldehyde-fixed cells.

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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

IHC HUMAN CONTROLS Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE. Breast Carcinoma, Colon Carcinoma, HeLa Cells

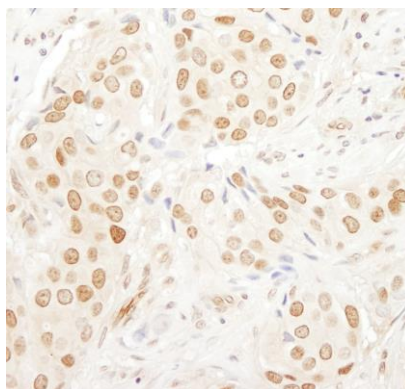
ADDITIONAL INFO <https://www.bethyl.com/product/A301-295A>
Use the link above to view SDS, a current list of citations, and other product specific information.
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



Detection of human PAF49 by western blot and immunoprecipitation. *Samples:* Whole cell lysate (5, 15 and 50 μ g for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-PAF49 antibody A301-295A used for WB at 0.04 μ g/ml (A) and 1 μ g/ml (B) and used for IP at 3 μ g/mg lysate. PAF49 was also immunoprecipitated by rabbit anti-PAF49 antibody A301-294A, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 3 minutes (A) and 10 seconds (B).

Detection of human PAF49 by immunocytochemistry. *Sample:* Formaldehyde-fixed asynchronous HeLa cells. *Antibody:* Affinity purified rabbit anti-PAF49 (Cat. No. A301-295A Lot1) used at a dilution of 1:100 (2 μ g/ml). *Detection:* Red-fluorescent goat anti-rabbit IgG highly cross-adsorbed Antibody used at a dilution of 1:100.



Detection of human PAF49 by immunohistochemistry. *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-PAF49 (Cat. No. A301-295A Lot1) used at a dilution of 1:200 (1 μ g/ml). *Detection:* DAB