

FOP Antibody

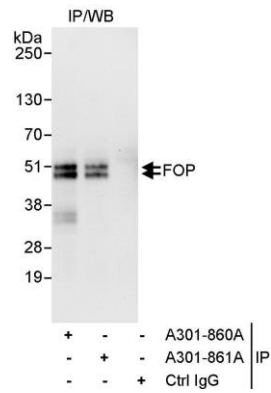
Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_008976.1
Catalog No. A301-861A GeneID 11116
Lot No. A301-861A-1



APPLICATIONS	IP
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat and Bovine
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 FOP immobilized on solid support. The epitope recognized by A301-861A maps to a region between residue 349 and 399 of human FGFR1 oncogene partner using the numbering given in entry NP_008976.1 (GeneID 11116). 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-FOP antibody A301-860A. Immunoprecipitation 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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).
ADDITIONAL INFO	https://www.bethyl.com/product/A301-861A 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 FOP by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-FOP antibody A301-861A used for IP at 3 $\mu\text{g}/\text{mg}$ lysate. FOP was also immunoprecipitated by rabbit anti-FOP antibody A301-860A, which recognizes an upstream epitope. For blotting immunoprecipitated FOP, A301-860A was used at 1 $\mu\text{g}/\text{ml}$. *Detection:* Chemiluminescence with an exposure time of 10 seconds.