FOP Antibody									
Rabbit Polyclo Antigen Affini Catalog No. Lot No.	ffinity Purified		Protein ID GeneID	NP_008976.1 11116		BETHYL LABORATORIES, INC			
APPLICATIONS SPECIES REACTIVITY PRESUMED REACTIVITY AMOUNT CONCENTRATION STORAGE/SHELF LIFE PHYSICAL STATE BUFFER		IP Human Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat and Bovine 100 μl 1000 μg/ml 2 - 8° C / 1 year from date of receipt Liquid 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	t recommended. Use ra	abbit anti-FOP antiboo	dy A301-860A.			
		Immunoprecipi	_	5 µg/mg lysate					
APPLICATION N	IOTES	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

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	IP	/WB			
kDa 250-					
130-					
70-					
51-	-	-	\$	FOP	
38-					
28-					
19-					
	+	-	-	A301-860A	ſ
	-	+	-	A301-860A A301-861A	IP
	-	-	+	Ctrl IgG	

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 µg/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 µg/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

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