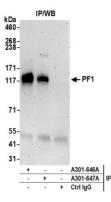
PF1 Antibody					
Rabbit Polyclonal Antigen Affinity Purified			Protein ID	NP_001028733.1	
Catalog No. A301–646A		646A	GenelD	57649	RETUVI
Lot No.	A301-0	646A-2			
APPLICATIONS		IP			
SPECIES REACTIVITY		Human			
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Mouse			
AMOUNT		100 μΙ			
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 PF1 immobilized on solid support.			
		The epitope recognized by A301–646A maps to a region between residue 550 and 600 of human PHD factor 1 using the numbering given in entry NP_001028733.1 (GeneID 57649).			
		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 rabbit anti-PF1	antibody A301–647A.
		Immunoprecipi	itation 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 4–8% SDS–PAGE (link to IP–western blot protocol in Additional Info section below).			
ADDITIONAL INFO		https://www.bethyl.com/product/A301-646A 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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Detection of human PF1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-PF1 antibody A301-646A (lot A301-646A-2) used for IP at 3 µg per reaction. PF1 was also immunoprecipitated by rabbit anti-PF1 antibody A301-647A. For blotting immunoprecipitated PF1, A301-646A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.

