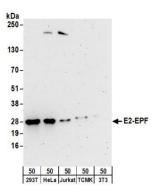
E2–EPF Antibody

Rabbit Polyclo	nal					Contraction of the	
Antigen Affinity Purified			Protein ID	NP_055316.2			
Catalog No.	A304-105A		GenelD	27338			
Lot No.	A304-	105A-1				LABORATORIES, INC	
APPLICATIONS		WB, IP					
SPECIES REACTIVITY		Human, Mouse					
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Zebrafish, X. laevis, X. tropicalis 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		lgG					
ORIGIN		USA					
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to E2-EPF immobilized on solid support.					
		The epitope recognized by A304-105A maps to a region between residue 172 to 222 of human Ubiquitin-Conjugating Enzyme E2S using the numbering given in entry NP_055316.2 (GeneID 27338).					
		Antibody 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			
		Immunoprecipita	ation 2 –	10 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).					
		Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.					
ADDITIONAL IN	IFO	https://www.bethyl.com/product/A304–105A					
		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					
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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 250-130-70-51-38-28-19-16-<u>+ - - A304104A</u> <u>- + - A304105A</u> <u>- + - Ctrl1gG</u> IP

Detection of human and mouse E2–EPF by western blot. Samples: Whole cell lysate (50 μ g) from 293T, HeLa, Jurkat, mouse TCMK–1, and mouse NIH 3T3 cells. Antibodies: Affinity purified rabbit anti–E2–EPF antibody A304–105A (lot A304–105A–1) used for WB at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

Detection of human E2-EPF by western blot of

immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP; 20% of IP loaded) from 293T cells. *Antibodies:* Affinity purified rabbit anti-E2-EPF antibody A304-105A (lot A304-105A-1) used for IP at 6 µg/mg lysate. E2-EPF was also immunoprecipitated by rabbit anti-E2-EPF antibody A304-104A. For blotting immunoprecipitated E2-EPF, A304-105A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.