PZR Antibody						
Rabbit Polyclo	onal					and the second
Antigen Affinity Purified			Protein ID	NP_003944.1		
Catalog No.	A304-411A		GenelD	9019	RET	ŪV I
Lot No.	A304-4	411A-1				ORIES, INC
APPLICATIONS		WB, IP				
SPECIES REACTIVITY		Human				
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 PZR immobilized on solid support.				
		The epitope recognized by A304-411A maps to a region between residue 225 to 275 of human Protein Zero Related using the numbering given in entry NP_003944.1 (GeneID 9019).				
		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		
		Immunoprecip	itation 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).				
ADDITIONAL INFO		Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.				
		https://www.bethyl.com/product/A304-411A				
		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				

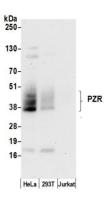
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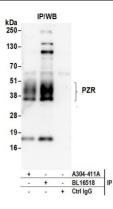
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This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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Detection of human PZR by western blot. *Samples:* Whole cell lysate (15 μ g) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-PZR antibody A304-411A (lot A304-411A-1) used for WB at 0.1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.

Detection of human PZR by western blot of

immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti–PZR antibody A304–411A (lot A304–411A–1) used for IP at 6 µg per reaction. PZR was also immunoprecipitated by rabbit anti–PZR antibody BL16518. For blotting immunoprecipitated PZR, A304–411A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.