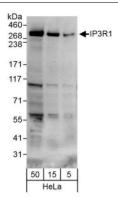
## IP3R1 Antibody

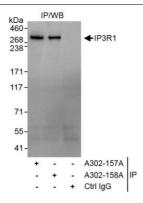
Rabbit Polyclo	nal				
Antigen Affinity Purified			Protein ID	Q14643.2	
Catalog No.	A302-	157A	GenelD	3708	RETUVI
Lot No.	A302-	157A-1			LABORATORIES, INC
APPLICATIONS		WB, IP			
SPECIES REACTIVITY		Human			
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat and Bovine			
AMOUNT		100 µl			
CONCENTRATION		200 µg/ml			
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date of receipt			
PHYSICAL STATE		Liquid			
BUFFER		Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide			
ISOTYPE		IgG			
ORIGIN		USA			
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to IP3R1 immobilized on solid support.			
		The epitope recognized by A302-157A maps to a region between residue 1025 and 1050 of human inositol 1,4,5-trisphosphate receptor type 1 using the numbering given in entry Q14643.2 (GeneID 3708).			
		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	1:2	,000 - 1:10,000	
		Immunoprecipi	tation 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 3-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).			
ADDITIONAL INFOWestern blot of lysates performed using standard western blot reagents a https://www.bethyl.com/product/A302-157A				ern blot reagents and 3-8% SDS-PAGE.	
				S, a current list of citation s://www.bethyl.com/cont	es, and other product specific information. eent/protocol_IP_WB
This descent servicies that this are done been used all of the second standards defined by David burgers in the					

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.Eric McIntush, PhD | Chief Scientific OfficerDate: November 12, 2019

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Detection of human IP3R1 by western blot. Samples: Whole cell lysate (5, 15, and 50  $\mu$ g) from HeLa cells. Antibody: Affinity purified rabbit anti-IP3R1 antibody A302-157A (lot A302-157A-1) used at 0.04  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



## Detection of human IP3R1 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–IP3R1 antibody A302–157A (lot A302–157A–1) used for IP at 3  $\mu$ g/mg lysate. IP3R1 was also immunoprecipitated by rabbit anti–IP3R1 antibody A302–158A, which recognizes a downstream epitope. For blotting immunoprecipitated IP3R1, A302–157A was used at 0.4  $\mu$ g/ml. *Detection:* Chemiluminescence with exposure time of 15 seconds.