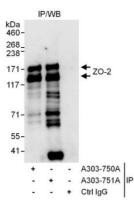
ZO-2 Antibody					
Rabbit Polyclonal					
Antigen Affinity Purified			Protein ID	NP_004808.2	
Catalog No.	A303-750A		GenelD	9414	DETUVI
Lot No.	A303-	750A-1			
APPLICATIONS		IP			
SPECIES REACTIVITY		Human			
AMOUNT		100 µl			
CONCENTRATION		1000 μg/ml			
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date of receipt			
PHYSICAL STATE		Liquid			
BUFFER		Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide			
ISOTYPE		IgG			
ORIGIN		USA			
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to ZO-2 immobilized on solid support.			
		The epitope recognized by A303-750A maps to a region between residue 150 and 200 of human Zonula Occludens Protein 2 using the numbering given in entry NP_004808.2 (GeneID 9414).			
		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	No	t recommended	
		Immunoprecip	itation 2 -	10 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/A303-750A			
		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 ZO-2 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-ZO-2 antibody A303-750A used for IP at 6  $\mu$ g/mg lysate. ZO-2 was also immunoprecipitated by rabbit anti-ZO-2 antibody A303-751A, which recognizes a downstream epitope. For blotting immunoprecipitated ZO-2, A303-751A was used at 1 µg/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

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