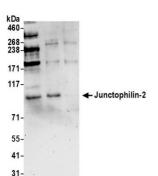
Junctophilin-2 Antibody

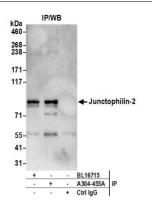
Junctophilin-2 Antibody						
Rabbit Polyclo						
Antigen Affinity Purifie		ed	Protein ID	NP_065166.2		
Catalog No.	A304-	455A	GenelD	57158	RETUVI	
Lot No.	A304-	455A-1			LABORATORIES, INC	
APPLICATIONS		WB, IP				
SPECIES REACTIVITY		Human				
AMOUNT		100 µl				
CONCENTRATION		1000 μg/ml				
STORAGE/SHELF 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		lgG				
ORIGIN		USA				
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to Junctophilin-2 immobilized on solid support.				
		The epitope recognized by A304–455A maps to a region between residue 625 to 675 of hu Junctophilin–2 using the numbering given in entry NP_065166.2 (GeneID 57158).				
		Antibody conce equals 1.0 mg		letermined by extinction o	oefficient: absorbance at 280 nm of 1.4	
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	2,000 - 1:10,000		
		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).				
		Western blot of	lysates perfor	rmed using standard west	ern blot reagents and 4-8% SDS-PAGE.	
ADDITIONAL INFO		https://www.bethyl.com/product/A304-455A				
				S, a current list of citation s://www.bethyl.com/cont	s, and other product specific information. ent/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 Junctophilin-2 by western blot. Samples: Whole cell lysate (50 μ g) prepared using NETN buffer from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-Junctophilin-2 antibody A304-455A (lot A304-455A-1) used for WB at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

HeLa 293T Jurkat

Detection of human Junctophilin-2 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP; 20% of IP loaded) prepared using NETN buffer from HeLa cells. *Antibodies:* Affinity purified rabbit anti-Junctophilin-2 antibody A304-455A (lot A304-455A-1) used for IP at 6 µg per reaction. Junctophilin-2 was also immunoprecipitated by rabbit anti-Junctophilin-2 antibody BL16715. For blotting immunoprecipitated Junctophilin-2, A304-455A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.