LGN Antibody					
Rabbit Polyclonal					
Antigen Affinity Purified			Protein ID	AAH27732.1	
Catalog No.	A303-031A		GenelD	29899	BETUVI
Lot No.	A303-0				
APPLICATIONS		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 LGN immobilized on solid support.			
		The epitope recognized by A303–031A maps to a region between residue 450 and 500 of human Mosaic Protein LGN using the numbering given in entry AAH27732.1 (GeneID 29899).			
		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	Not	recommended	
		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 4–8% SDS–PAGE (link to IP–western blot protocol in Additional Info section below).			
ADDITIONAL INFO		https://www.bethyl.com/product/A303-031A			
				S, a current list of citations, an s://www.bethyl.com/content/p	d other product specific information. protocol_IP_WB

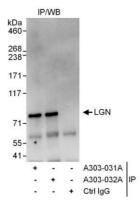
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This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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Detection of human LGN 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-LGN antibody A303-031A used for IP at 6 μ g/mg lysate. LGN was also immunoprecipitated by rabbit anti-LGN antibody A303-032A, which recognizes a downstream epitope. For blotting immunoprecipitated LGN, A303-032A was used at 1 μ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.