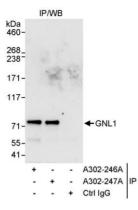
## GNL1 Antibody Rabbit Polyclonal

Rabbit Polycle					
Antigen Affinity Purified		Protein ID	NP_005266.2		
Catalog No.	A302-2	246A	GenelD	2794	RETHVI
Lot No.	A302-2	246A-1 LABORATORIE			
APPLICATIONS		IP			
SPECIES REACTIVITY		Human			
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat, Orangutan, Monkey and Chimpanzee			
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 GNL1 immobilized on solid support.			
		The epitope recognized by A302–246A maps to a region between residue 1 and 50 of human guanine nucleotide binding protein–like 1 using the numbering given in entry NP_005266.2 (GeneID 2794).			
		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	Not	t recommended. Use rabbi	t anti-GNL1 antibody A302-247A.
		Immunoprecipit	ation 5 -	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/A302-246A			
		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 GNL1 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-GNL1 antibody A302-246A used for IP at 10  $\mu$ g/mg lysate. GNL1 was also immunoprecipitated by rabbit anti-GNL1 antibody A302-247A, which recognizes a downstream epitope. For blotting immunoprecipitated GNL1, A302-247A was used at 0.4  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.