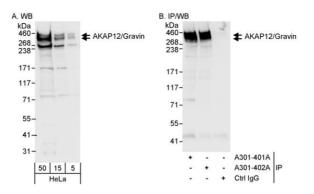
AKAP12/Gravin Antibody

		,					
Rabbit Polyclonal							
Antigen Affinity Purified			Protein ID	AAC51366.1		1 3 V	
Catalog No.	-		GenelD	9590		RETHÝ	
Lot No.	A301-4	401A-1				LABORATORIES, INC	
APPLICATIONS		WB, IP					
SPECIES REACTIVITY		Human					
AMOUNT		100 μΙ					
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 AKAP12/Gravin immobilized on solid support.					
		The epitope recognized by A301-401A maps to a region between residue 1650 and 1700 of human A kinase (PRKA) anchor protein (gravin) 12 using the numbering given in entry AAC51366.1 (GeneID 9590).					
		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	itation 2 -	5 µg/mg lysate			
APPLICATION N	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 a	nd 4-8% SDS-PAGE.	
ADDITIONAL INFO		https://www.bethyl.com/product/A301–401A					
		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 AKAP12/Gravin by western blot and immunoprecipitation. *Samples:* Whole cell lysate (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti– AKAP12/Gravin antibody A301–401A used for WB at 0.04 µg/ml (A) and 0.1 µg/ml (B) and used for IP at 3 µg/mg lysate. AKAP12/Gravin was also immunoprecipitated by rabbit anti–AKAP12/Gravin antibody A301–402A, which recognizes a downstream epitope. *Detection:* Chemiluminescence with exposure times of 10 seconds (A and B).