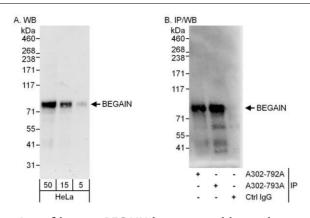
BEGAIN Antibody						
Rabbit Polyclonal Antigen Affinity Purified Catalog No. A302–793A Lot No. A302–793A–1		Protein ID GeneID	NP_065887.1 57596	BETH LABORATORIES		
APPLICATIONS		WB, IP				
SPECIES REACTIVITY		Human				
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat and Sheep				
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 BEGAIN immobilized on solid support.				
		The epitope recognized by A302-793A maps to a region between residue 543 and 593 of human Brain-Enriched Guanylate Kinase-Associated Protein using the numbering given in entry NP_065887.1 (GeneID 57596).				
		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	1:2	,000 - 1:10,000		
		Immunoprecip	itation 5 -	15 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 performed using standard western blot reagents and 4-8% SDS-PAGE.				
ADDITIONAL INFO		https://www.bethyl.com/product/A302-793A				
		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 BEGAIN 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-BEGAIN antibody A302-793A used for WB at 0.1 µg/ml (A) and 1 µg/ml (B) and used for IP at 10 µg/mg lysate. BEGAIN was also immunoprecipitated by rabbit anti-BEGAIN antibody A302-792A, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 30 seconds (A and B).