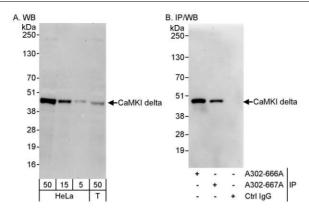
CaMKI delta Antibody

	,,			- C. P.	
Rabbit Polyclonal Antigen Affinity Purified Catalog No. A302-667A		Protein ID GenelD	NP_705718.1 57118		
-	302-667A-1	Geneib	57110	BETHYL LABORATORIES, INC	
APPLICATIONS	WB, IP				
SPECIES REACTIVI	Y Human	Human			
AMOUNT	100 µl				
CONCENTRATION 1000 µg/ml					
STORAGE/SHELF L	FE 2 – 8°C / 1 yea	2 - 8° C / 1 year from date of receipt			
PHYSICAL STATE	Liquid	Liquid			
BUFFER Tris-citra		-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide			
ISOTYPE IgG					
ORIGIN USA					
PRODUCTION PROCEDURES	Antibody was a support.	Antibody was affinity purified using an epitope specific to CaMKI delta immobilized on solid support.			
	The epitope recognized by A302–667A maps to a region between residue 335 and 385 of huma calcium/calmodulin-dependent protein kinase ID using the numbering given in entry NP_705718.1 (GeneID 57118).				
	Antibody conce equals 1.0 mg		determined 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	oitation 2 -	5 µg/mg lysate		
APPLICATION NOT	Goat anti-Rabb	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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).			
	Western blot o	f lysates perfo	rmed using standard west	ern blot reagents and 4-20% SDS-PAGE.	
ADDITIONAL INFO	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	https://www.bethyl.com/product/A302-667A			
		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 CaMKI delta by western blot and immunoprecipitation. *Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-CaMKI delta antibody A302-667A used for WB at 0.1 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate. CaMKI delta was also immunoprecipitated by rabbit anti-CaMKI delta antibody A302-666A, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 30 seconds (A and B).

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