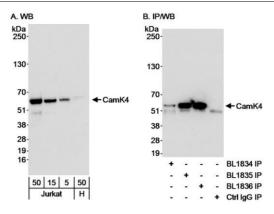
CamK4 Antibody

Rabbit Polyclo	onal				
Antigen Affinity Purified			Protein ID	Q16566	
Catalog No. A300-492A		GenelD	814		
Lot No.	A300-492A-1				LABORATORIES, INC
APPLICATIONS		WB, 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		Antibody was affinity purified using an epitope specific to CamK4 immobilized on solid support.			
PROCEDURES		The epitope recognized by A300-492A maps to a region between residues 350 and 400 of human Calcium/Calmodulin-dependent Protein Kinase IV using the numbering given in Swiss-Prot entry Q16566 (GeneID 814).			
		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	1:5	5,000 - 1:15,000	
		Immunoprecip	oitation 3 -	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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).			
		Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.			
ADDITIONAL INFO		https://www.bethyl.com/product/A300-492A			
					ns, and other product specific information.
		IP-western blo	t protocol: http	os://www.bethyl.com/con	tent/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 CamK4 by western blot and immunoprecipitation. *Samples:* A) Whole cell lysate from Jurkat (5, 15 and 50 µg) and HeLa (50 µg) cells. B) Whole cell lysate (1 mg/IP; 1/4 of IP loaded/lane) from Jurkat cells. *Antibodies:* Affinity purified rabbit anti-CamK4 antibody BL1834 (Cat. No. A300-492A) used at 0.1 µg/ml for WB (A and B) and at 3 µg/mg lysate for IP (B). CamK4 was also immunoprecipitated using CamK4 antibodies BL1835 (Cat. No. A300-493A) and BL1836 (Cat. No. A300-494A) used at 3 µg/mg lysate for IP. *Detection:* Chemiluminescence with an exposure time of 30 seconds.