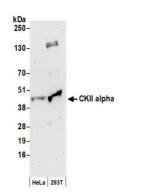
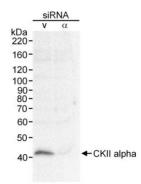
CKII alpha Antibody						
Rabbit Polyclonal						
Antigen Affini	ty Purifie	d	Protein ID	NP_001886.1		
Catalog No.	talog No. A300-196A		GenelD	1457		DETUVI
Lot No.	A300-	96A-1				LABORATORIES, INC
APPLICATIONS		WB				
SPECIES REACTIVITY		Human				
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat, Chicken and Bovine				
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 CKII alpha immobilized on solid support.				
		The epitope recognized by A300-196A maps to a region between residues 1 and 50 of human Casein Kinase 2, alpha 1 using the numbering given in entry NP_001886.1 (GeneID 1457).				
		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	1:1	,000 - 1:5,000		
		Immunoprecip	itation No	t recommended. Use rabbit	anti-CKII alpha a	antibody A300-198A.
APPLICATION NOTES		Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.				
ADDITIONAL INFO		https://www.bethyl.com/product/A300-196A Use the link above to view SDS, a current list of citations, and other product specific information.				

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 CKII alpha by western blot. Samples: Whole cell lysate (50  $\mu$ g) from HeLa and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CKII alpha antibody A300-196A (lot A300-196A-1) used for WB at 0.2  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds. **Detection of human CKII Alpha by western blot.** *Sample:* RIPA extract (30  $\mu$ g) from HeLa cells treated with CKII alpha siRNA or vimentin siRNA (v). *Antibody:* Affinity purified rabbit anti-CKII alpha (Cat. No. A300–196A) used at 0.33  $\mu$ g/ml. *Detection:* Chemiluminescence with a 1 minute exposure.