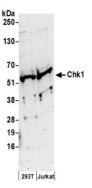
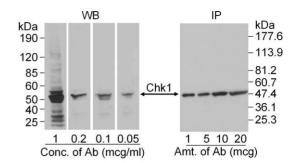
Chk1 Antibody					
Goat Polyclonal Antigen Affinity Purified		Protein ID	NP_001265.1		
Catalog No. A300-162A		GenelD	1111	RETHVI	
Lot No.	A300-				LABORATORIES, INC
APPLICATIONS		WB, IP			
SPECIES REACTIVITY		Human			
AMOUNT		100 µl			
CONCENTRATION		1000 μg/ml			
STORAGE/SHELF LIFE		2 - 8° C / 1 year 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 Chk1 immobilized on solid support.			
		The epitope recognized by A300-162A maps to a region between residues 250 and 300 of human Checkpoint Kinase 1 using the numbering given in entry NP_001265.1 (GeneID 1111).			
		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 - 1:10,000	
		Immunoprecip	itation 5 -	20 µg/mg lysate	
APPLICATION NOTES		Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.			
ADDITIONAL INFO		https://www.bethyl.com/product/A300-162A 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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A300-162A

**Detection of human Chk1 by western blot.** *Samples:* Whole cell lysate (50  $\mu$ g) from HEK293T and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified goat anti-Chk1 antibody A300-162A (lot A300-162A-1) used for WB at 0.1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes. Detection of human Chk1 by western blot and immunoprecipitation. *Sample:* Whole Cell lysate (50 µg for WB, 500 µg for IP) from HeLa cells. *Antibodies:* Affinity purified goat anti-Chk1 (Cat No. A300–162A) used as indicated. immunoprecipitatesd material was detected by WB using a monoclonal antibody to Chk1. *Detection:* Chemiluminescence with 1 minute exposure.

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