

# Chk1 Antibody

Goat Polyclonal

Antigen Affinity Purified

Catalog No. A300-162A

Lot No. A300-162A-1

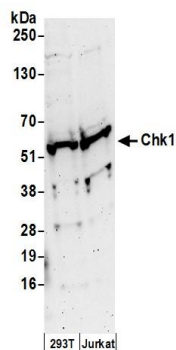
Protein ID NP\_001265.1

GeneID 1111

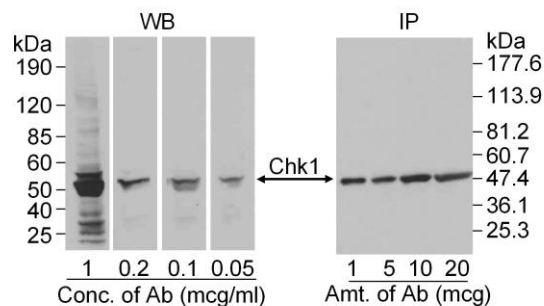


APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	<p>Antibody was affinity purified using an epitope specific to Chk1 immobilized on solid support.</p> <p>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).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <p>Western Blot 1:1,000 – 1:10,000</p> <p>Immunoprecipitation 5 – 20 µg/mg lysate</p>
APPLICATION NOTES	Western blot of lysates performed using standard western blot reagents and 4–20% SDS-PAGE.
ADDITIONAL INFO	<p><a href="https://www.bethyl.com/product/A300-162A">https://www.bethyl.com/product/A300-162A</a></p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>

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



**Detection of human Chk1 by western blot.** *Samples:* Whole cell lysate (50 µg) 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 µg/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. immunoprecipitated material was detected by WB using a monoclonal antibody to Chk1. *Detection:* Chemiluminescence with 1 minute exposure.