

Chk2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_009125.1

Catalog No. A300-619A

GeneID 11200

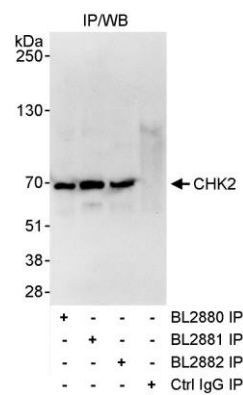
Lot No. A300-619A-1



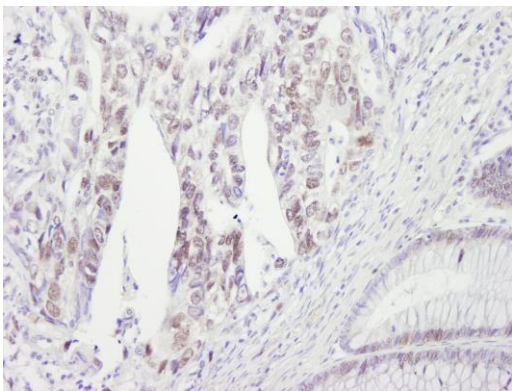
APPLICATIONS	IP, IHC
SPECIES REACTIVITY	Human
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to Chk2 immobilized on solid support. The epitope recognized by A300-619A maps to a region between residues 475 and 525 of human Checkpoint Kinase 2 using the numbering given in entry NP_009125.1 (GeneID 11200). 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 Not recommended. Use rabbit anti-Chk2 antibody A300-620A. Immunoprecipitation 1 – 4 µg/mg lysate Immunohistochemistry 1:250 – 1:1,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
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).
IHC HUMAN CONTROLS	Colon Carcinoma, Stomach Adenocarcinoma, Testicular Seminoma
ADDITIONAL INFO	https://www.bethyl.com/product/A300-619A 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



Detection of human CHK2 by western blot of immunoprecipitates. expndtw-6 *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-CHK2 antibodies BL2880 (Cat. No. A300-618A), BL2881 (Cat. No. A300-619A) and BL2882 (Cat. No. A300-620A) used at 3 µg/mg lysate. For blotting immunoprecipitated CHK2, BL2882 was used at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time 30 seconds.



Detection of human CHK2 by immunohistochemistry. *Sample:* FFPE section of human colon carcinoma. *Antibody:* Affinity purified rabbit anti-CHK2 (Cat. No. A300-619A Lot1)) used at a dilution of 1:1,000 (1 µg/ml). *Detection:* DAB