

CKI delta Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_620693.1

Catalog No. A302-136A

GeneID 1453

Lot No. A302-136A-1



| | |
|------------------------------|--|
| APPLICATIONS | WB, IP |
| SPECIES REACTIVITY | Human |
| PRESUMED REACTIVITY | Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat, Chicken, Turkey, Bovine, Dog, Horse, Pig, Golden hamster, Orangutan and Monkey |
| AMOUNT | 100 µl |
| CONCENTRATION | 200 µg/ml |
| STORAGE/SHELF LIFE | 2 – 8° C / 1 year from date of receipt |
| PHYSICAL STATE | Liquid |
| BUFFER | Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide |
| ISOTYPE | IgG |
| ORIGIN | USA |
| PRODUCTION PROCEDURES | Antibody was affinity purified using an epitope specific to CKI delta immobilized on solid support. |

The epitope recognized by A302-136A maps to a region between residue 359 and 409 of human casein kinase 1, delta using the numbering given in entry NP_620693.1 (GeneID 1453). This antibody may have slight crossreactivity with CKI epsilon, which has a similar epitope.

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 1:2,000 – 1:10,000

Immunoprecipitation 2 – 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/A302-136A>

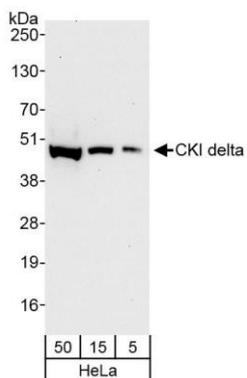
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol https://www.bethyl.com/content/protocol_IP_WB

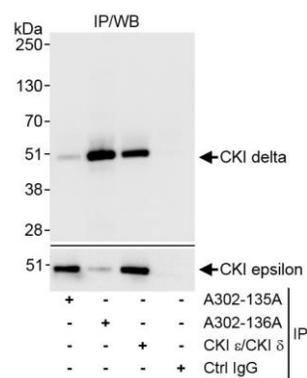
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Eric McIntush, PhD | Chief Scientific Officer

Date: November 12, 2019



Detection of human CKI delta by western blot. *Samples:* Whole cell lysate (5, 15, and 50 µg) from HeLa cells. *Antibody:* Affinity purified rabbit anti-CKI delta antibody A302-136A (lot A302-136A-1) used at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human CKI delta by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-CKI delta antibody A302-136A (lot A302-136A-1) used for IP at 10 µg/mg lysate. CKI delta was also immunoprecipitated by a rabbit antibody (BL7891) directed to an epitope that is common to CKI epsilon and CKI delta. CKI epsilon was immunoprecipitated and blotted using A302-135A. For blotting immunoprecipitated CKI delta, A302-136A was used at 1.0 µg/ml. *Detection:* Chemiluminescence with exposure time of 3 seconds.