



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# CKII beta Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_001311.3

Catalog No. A301-984A

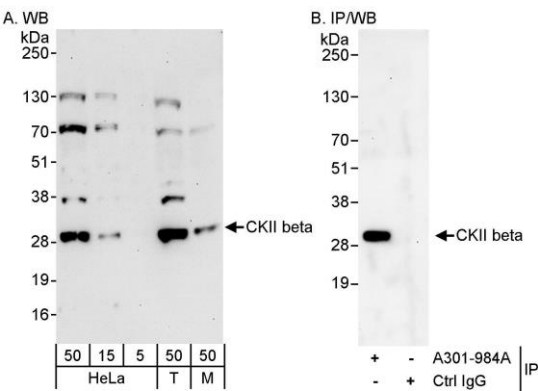
GeneID 1460

Lot No. A301-984A-1



|                              |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>APPLICATIONS</b>          | WB, IP                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>SPECIES REACTIVITY</b>    | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>PRESUMED REACTIVITY</b>   | Based on 100% sequence identity, this antibody is predicted to react with Rat, Chicken, Bovine, Rabbit and Pig                                                                                                                                                                                                                                                                                                           |
| <b>AMOUNT</b>                | 100 µl                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>CONCENTRATION</b>         | 200 µg/ml                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>STORAGE/SHELF LIFE</b>    | 2 – 8° C / 1 year from date of receipt                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>PHYSICAL STATE</b>        | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>BUFFER</b>                | Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide                                                                                                                                                                                                                                                                                                                                                          |
| <b>ISOTYPE</b>               | IgG                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ORIGIN</b>                | USA                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>PRODUCTION PROCEDURES</b> | Antibody was affinity purified using an epitope specific to CKII beta immobilized on solid support.<br><br>The epitope recognized by A301-984A maps to a region between residue 165 and 215 of human casein kinase 2, beta using the numbering given in entry NP_001311.3 (GeneID 1460).<br><br>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. |
| <b>APPLICATIONS</b>          | Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.<br><br>Western Blot 1:2,000 – 1:10,000<br><br>Immunoprecipitation 2 – 5 µg/mg lysate                                                                                                                                                     |
| <b>APPLICATION NOTES</b>     | 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).<br><br>Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.                                                                       |
| <b>ADDITIONAL INFO</b>       | <a href="https://www.bethyl.com/product/A301-984A">https://www.bethyl.com/product/A301-984A</a><br>Use the link above to view SDS, a current list of citations, and other product specific information.<br>IP-western blot protocol: <a href="https://www.bethyl.com/content/protocol_IP_WB">https://www.bethyl.com/content/protocol_IP_WB</a>                                                                           |

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 and mouse CKII beta by western blot (h&m) and immunoprecipitation (h).** *Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 µg) and mouse NIH 3T3 (M; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-CKII beta antibody A301-984A used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate. *Detection:* Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).