

# CKAP2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_001091995.1

Catalog No. A302-151A

GeneID 26586

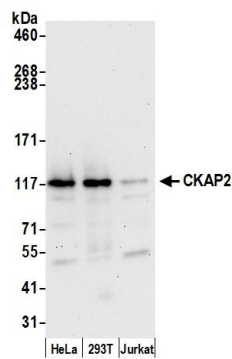
Lot No. A302-151A-2



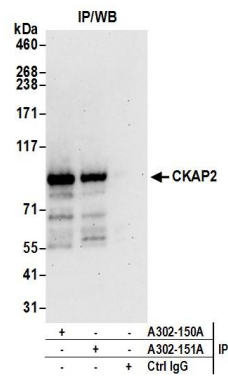
|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| APPLICATIONS          | WB, IP                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SPECIES REACTIVITY    | Human                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PRESUMED REACTIVITY   | Based on 100% sequence identity, this antibody is predicted to react with Orangutan                                                                                                                                                                                                                                                                                                                                                         |
| 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 CKAP2 immobilized on solid support.</p> <p>The epitope recognized by A302-151A maps to a region between residue 633 and 683 of human cytoskeleton associated protein 2 using the numbering given in entry NP_001091995.1 (GeneID 26586).</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 1:2,000 – 1:10,000</p> <p>Immunoprecipitation 2 – 5 µg/mg lysate</p>                                                                                                                                                                 |
| APPLICATION NOTES     | <p>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 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).</p> <p>Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.</p>                                                                                     |
| ADDITIONAL INFO       | <p><a href="https://www.bethyl.com/product/A302-151A">https://www.bethyl.com/product/A302-151A</a></p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p> <p>IP-western blot protocol: <a href="https://www.bethyl.com/content/protocol_IP_WB">https://www.bethyl.com/content/protocol_IP_WB</a></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 CKAP2 by western blot.**  
*Samples:* Whole cell lysate (15 µg) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer.  
*Antibody:* Affinity purified rabbit anti-CKAP2 antibody A302-151A (lot A302-151A-2) used for WB at 0.1 µg/ml.  
*Detection:* Chemiluminescence with an exposure time of 30 seconds.



**Detection of human CKAP2 by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa, cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-CKAP2 antibody A302-151A (lot A302-151A-2) used for IP at 3 µg per reaction. CKAP2 was also immunoprecipitated by rabbit anti-CKAP2 antibody A302-150A. For blotting immunoprecipitated CKAP2, A302-151A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.