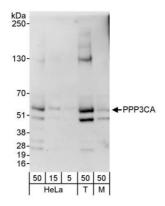
## **PPP3CA Antibody**

| Rabbit Polyclonal   |                         |  |  |  |  |
|---|-------------------------|--|--|--|--|
| Antigen Affinity Purified   |                         | n ID   | NP_000935.1  |  |  |
| 5   | 0-907A-M Genel          | D  | 5530   | BETHYL   |  |
| Lot No. A300-907A-M-1   |                         |  |  |  |  |
| APPLICATIONS  | WB, IP, IHC             |  |  |  |  |
| SPECIES REACTIVITY  | Human, Mouse            | e  |  |  |  |
| <b>PRESUMED REACTIVITY</b> Based on 100% sequence identity, this antibody is predicted to react v   |                         |  | ed to react with Rat and Bovine                                |  |  |
| AMOUNT  | 100 µl (10 blots)       |  |  |  |  |
| CONCENTRATION 400 µg/ml   |                         |  |  |  |  |
| STORAGE/SHELF LIFE 2 - 8° C / 1 year from date of receipt   |                         |  | f receipt  |  |  |
| PHYSICAL STATE  | Liquid                  |  |  |  |  |
| BUFFER  | Tris-buffered Saline co | Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide  |  |  |  |
| ISOTYPE   | IgG                     | IgG  |  |  |  |
| ORIGIN  | USA                     | USA  |  |  |  |
| <b>PRODUCTION</b> Antibody was affinity purified using an epitope specific to PPP3CA immobilized on solid   |                         |  |  | PPP3CA immobilized on solid support.   |  |
| PROCEDURES  | Protein Phosphatase 3,  | The epitope recognized by A300-907A-M maps to a region between residue 1 and 50 of human Protein Phosphatase 3, Catalytic Subunit, Alpha isoform using the numbering given in entry NP_000935.1 (GeneID 5530). |  |  |  |
| 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            | 1:1  | 000  |  |  |
|   | Immunoprecipitation     | use  | e in immunoprecipitation; ho                                   | A300–907A–M has been qualified for<br>wever, we recommend using the<br>ntibody found as product A300–907A. |  |
|   | Immunohistochemistry    |  | 200 – 1:800. Epitope retrieval<br>commended for FFPE tissue se | •  |  |
| APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-0).<br>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). |                         |  |  | 0-113P) and 4-20% SDS-PAGE   |  |
| Western blot of lysates performed using standard western blot reagents and 4-20% SDS-F  |                         |  |  |  |  |
| ADDITIONAL INFO   |                         |  |  |  |  |
| Use the link above to view SDS, a current list of citations, and other product spec<br>IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB  |                         |  |  |  |  |
|   | IP-western blot protoco | ol: http   | os://www.bethyl.com/content                                    | t/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

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## Detection of human and mouse PPP3CA by western blot.

*Samples:* Whole cell lysate from HeLa (5, 15, and 50 μg), HEK293T (T; 50 μg), and mouse NIH 3T3 (M; 50 μg) cells. *Antibody:* Affinity purified rabbit anti-PPP3CA antibody A300-907A-M used at 1:1000. *Detection:* Chemiluminescence with an exposure time of 3 minutes.