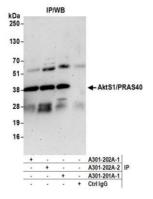
AktS1/PRAS40 Antibody

| Rabbit Polyclonal Antigen Affinity Purified | | | rotein ID | NP_115751.1 | |
|--|--|--|-----------|--------------------------------------|-------------------------------|
| Catalog No. A301–202A | | | GenelD | 84335 | |
| Lot No. | | 202A-2 | | | LABORATORIES, INC |
| APPLICATIONS | | IP | | | |
| SPECIES REACTIVITY | | Human | | | |
| PRESUMED REACTIVITY | | Based on 100% sequence identity, this antibody is predicted to react with Mouse | | | |
| 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 AktS1/PRAS40 immobilized on solid support. | | | |
| | | The epitope recognized by A301–202A maps to a region between residue 225 and 256 of human AKT1 substrate 1 (proline-rich Akt substrate, 40 kDa) using the numbering given in entry NP_115751.1 (GeneID 84335). | | | |
| | | 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 | | t recommended. Use rabbit ant 1A. | i-AktS1/PRAS40 antibody A301- |
| | | Immunoprecipita | tion 2 – | 10 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). | | | |
| ADDITIONAL INFO | | https://www.bethyl.com/product/A301-202A | | | |
| | | 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

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Detection of human AktS1/PRAS40 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-AktS1/PRAS40 antibody A301-202A (lot A301-202A- 2) used for IP at 6 µg per reaction. AktS1/PRAS40 was also immunoprecipitated by a previous lot of this antibody (A301-202A-1) and rabbit anti-AktS1/PRAS40 antibody A301-201A. For blotting immunoprecipitated AktS1/PRAS40, A301-201A was used at 1 µg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

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