

# RASAL2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_004832.1

Catalog No. A302-109A

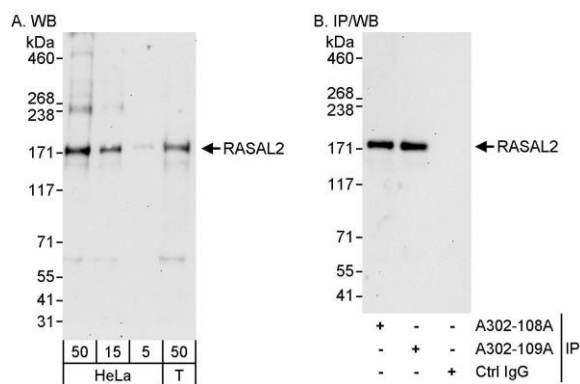
GeneID 9462

Lot No. A302-109A-1



|                              |   |
|------------------------------|---|
| <b>APPLICATIONS</b>          | WB, IP  |
| <b>SPECIES REACTIVITY</b>    | Human   |
| <b>AMOUNT</b>                | 100 µl  |
| <b>CONCENTRATION</b>         | 1000 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-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide  |
| <b>ISOTYPE</b>               | IgG   |
| <b>ORIGIN</b>                | USA   |
| <b>PRODUCTION PROCEDURES</b> | <p>Antibody was affinity purified using an epitope specific to RASAL2 immobilized on solid support.</p> <p>The epitope recognized by A302-109A maps to a region between residue 888 and 938 of human RAS protein activator like 2 using the numbering given in entry NP_004832.1 (GeneID 9462).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p> |
| <b>APPLICATIONS</b>          | <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>   |
| <b>APPLICATION NOTES</b>     | <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>   |
| <b>ADDITIONAL INFO</b>       | <p><a href="https://www.bethyl.com/product/A302-109A">https://www.bethyl.com/product/A302-109A</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 RASAL2 by western blot and immunoprecipitation.** *Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-RASAL2 antibody A302-109A used for WB at 0.1 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate. RASAL2 was also immunoprecipitated by rabbit anti-RASAL2 antibody A302-108A, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 30 seconds (A and B).