

# TAB1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_006107.1

Catalog No. A302-165A

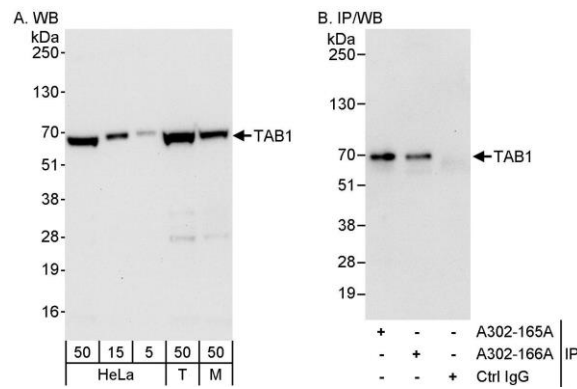
GeneID 10454

Lot No. A302-165A-1



|                              |   |
|------------------------------|---|
| <b>APPLICATIONS</b>          | WB, IP  |
| <b>SPECIES REACTIVITY</b>    | Human, Mouse  |
| <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 TAB1 immobilized on solid support.<br><br>The epitope recognized by A302-165A maps to a region between residue 435 and 485 of human TAK1-binding protein 1 using the numbering given in entry NP_006107.1 (GeneID 10454).<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/A302-165A">https://www.bethyl.com/product/A302-165A</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 TAB1 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; 50µg) cells. *Antibodies:* Affinity purified rabbit anti-TAB1 antibody A302-165A used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate. TAB1 was also immunoprecipitated by rabbit anti-TAB1 antibody A302-166A, which recognizes a downstream epitope. *Detection:* Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).