

# ABC50 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_001020262.1

Catalog No. A301-999A

GeneID 23

Lot No. A301-999A-1



|                              |   |              |                    |                     |                    |                      |   |
|------------------------------|---|--------------|--------------------|---------------------|--------------------|----------------------|---|
| <b>APPLICATIONS</b>          | WB, IP, IHC   |              |                    |                     |                    |                      |   |
| <b>SPECIES REACTIVITY</b>    | Human   |              |                    |                     |                    |                      |   |
| <b>PRESUMED REACTIVITY</b>   | Based on 100% sequence identity, this antibody is predicted to react with Pig and Chimpanzee  |              |                    |                     |                    |                      |   |
| <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> | <p>Antibody was affinity purified using an epitope specific to ABC50 immobilized on solid support.</p> <p>The epitope recognized by A301-999A maps to a region between residue 150 and 200 of human ATP-binding cassette 50 using the numbering given in entry NP_001020262.1 (GeneID 23).</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> <table><tr><td>Western Blot</td><td>1:2,000 - 1:10,000</td></tr><tr><td>Immunoprecipitation</td><td>2 - 5 µg/mg lysate</td></tr><tr><td>Immunohistochemistry</td><td>1:100 - 1:500. Epitope retrieval with Tris-EDTA pH 9.0 is recommended for FFPE tissue sections.</td></tr></table> | Western Blot | 1:2,000 - 1:10,000 | Immunoprecipitation | 2 - 5 µg/mg lysate | Immunohistochemistry | 1:100 - 1:500. Epitope retrieval with Tris-EDTA pH 9.0 is recommended for FFPE tissue sections. |
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| <b>APPLICATION NOTES</b>     | <p>Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Coniugate (Cat. No. A120-113P) and 4-8% SDS-PAGE</p> <p>Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.</p>  |              |                    |                     |                    |                      |   |
| <b>IHC HUMAN CONTROLS</b>    | Colon Carcinoma, Prostate Carcinoma   |              |                    |                     |                    |                      |   |
| <b>ADDITIONAL INFO</b>       | Please visit our website for additional product information.  |              |                    |                     |                    |                      |   |

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