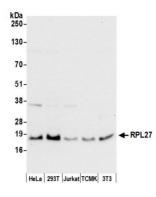
## RPL27/Ribosomal Protein L27 Antibody

|                           |           |   |            | -                |                   |        |
|---------------------------|-----------|---|------------|------------------|-------------------|--------|
| Rabbit Polyclor           | nal       |   |            |                  |                   |        |
| Antigen Affinity Purified |           | ed  | Protein ID | P61353.2         |                   |        |
| Catalog No.               | A305-036A |   | GenelD     | 6155             |                   | DETUVI |
| Lot No. A305-036A-1       |           |   |            |                  | LABORATORIES, INC |        |
| APPLICATIONS              |           | WB  |            |                  |                   |        |
| SPECIES REACTIVITY        |           | Human, Mouse  |            |                  |                   |        |
| PRESUMED REACTIVITY       |           | Based on 100% sequence identity, this antibody is predicted to react with Rat, Zebrafish,<br>Chicken, Bovine, Dog and Pig   |            |                  |                   |        |
| 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<br>PROCEDURES  |           | Antibody was affinity purified using an epitope specific to RPL27/Ribosomal Protein L27 immobilized on solid support.   |            |                  |                   |        |
|                           |           | The epitope recognized by A305-036A maps to a region between residue 86 to 136 of human 60S ribosomal protein L27 using the numbering given in entry P61353.2 (GeneID 6155).    |            |                  |                   |        |
|                           |           | Antibody 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  | 1:2        | 2,000 - 1:10,000 |                   |        |
| APPLICATION NOTES         |           | Western blot of lysates performed using standard western blot reagents and 4-12% SDS-PAGE.  |            |                  |                   |        |
| ADDITIONAL INFO           |           | https://www.bethyl.com/product/A305-036A<br>Use the link above to view SDS, a current list of citations, and other product specific 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: January 30, 2020

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.



## Detection of human and mouse RPL27 by western blot.

Samples: Whole cell lysate (50  $\mu$ g) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-RPL27 antibody A305-036A (lot A305-036A-1) used for WB at 0.1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.