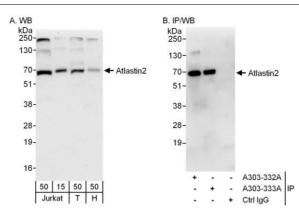
Atlastin2 Antibody

| Rabbit Polyclonal | | | | | |
|---------------------------|--|--|--|---|--|
| Antigen Affinity Purified | | Protein ID | NP_001129145.1 | | |
| Catalog No. A303- | 332A | GenelD | 64225 | RETHVI | |
| Lot No. A303– | 32A-1 | | | | |
| APPLICATIONS | WB, IP | | | | |
| SPECIES REACTIVITY | TIVITY Human | | | | |
| PRESUMED REACTIVITY | Based on 100% sequence identity, this antibody is predicted to react with Mouse | | | | |
| AMOUNT | 100 µl | | | | |
| CONCENTRATION | 200 μg/ml | | | | |
| STORAGE/SHELF LIFE | 2 - 8° C / 1 year from date of receipt | | | | |
| PHYSICAL STATE | Liquid | | | | |
| BUFFER | Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide | | | | |
| ISOTYPE | IgG | | | | |
| ORIGIN | USA | | | | |
| PRODUCTION PROCEDURES | Antibody was affinity purified using an epitope specific to Atlastin2 immobilized on solid support. | | | | |
| | The epitope recognized by A303-332A maps to a region between residue 400 and 450 of human Atlastin GTPase 2 using the numbering given in entry NP_001129145.1 (GeneID 64225). | | | | |
| | Antibody conce equals 1.0 mg c | | determined by extinction coe | fficient: absorbance at 280 nm of 1.4 | |
| APPLICATIONS | PLICATIONS 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 | | |
| | Immunoprecipi | tation 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). | | | | |
| | Western blot of | lysates perfoi | rmed using standard western | blot reagents and 4-20% SDS-PAGE. | |
| ADDITIONAL INFO | https://www.be | nttps://www.bethyl.com/product/A303–332A | | | |
| | | | DS, a current list of citations, ps://www.bethyl.com/conten | and other product specific information. t/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 Atlastin2 by western blot and immunoprecipitation. *Samples:* Whole cell lysate from Jurkat (15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 µg) and HeLa (H; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-Atlastin2 antibody A303-332A used for WB at 0.04 µg/ml (A) and 0.4 µg/ml (B) and used for IP at 6 µg/mg lysate. Atlastin2 was also immunoprecipitated by rabbit anti-Atlastin2 antibody A303-333A, which recognizes a downstream epitope. *Detection:* Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).