

# Atlastin-3 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_056274.3

Catalog No. A303-313A

GeneID 25923

Lot No. A303-313A-1



**APPLICATIONS** WB, IP

**SPECIES REACTIVITY** Human, 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 Atlastin-3 immobilized on solid support.

The epitope recognized by A303-313A maps to a region between residue 491 and 541 of human Atlastin GTPase 3 using the numbering given in entry NP\_056274.3 (GeneID 25923).

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 1:2,000 - 1:10,000

Immunoprecipitation 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).

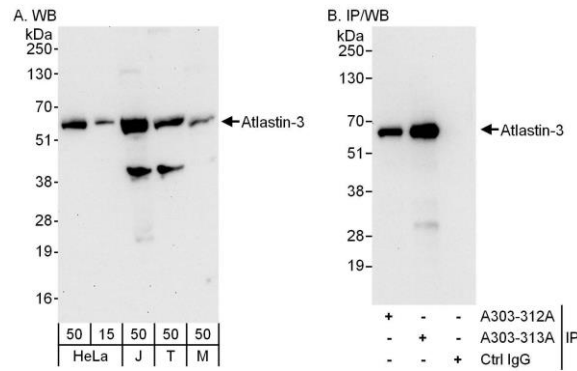
Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.

**ADDITIONAL INFO** <https://www.bethyl.com/product/A303-313A>

Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: [https://www.bethyl.com/content/protocol\\_IP\\_WB](https://www.bethyl.com/content/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



**Detection of human and mouse Atlastin-3 by western blot (h and m) and immunoprecipitation (h).** *Samples:* Whole cell lysate from HeLa (15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), Jurkat (J; 50 µg), HEK293T (T; 50 µg) and mouse NIH 3T3 (M; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-Atlastin-3 antibody A303-313A used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and used for IP at 6 µg/mg lysate. Atlastin-3 was also immunoprecipitated by rabbit anti-Atlastin-3 antibody A303-312A, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).