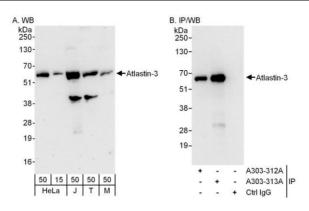
Atlastin-3 Antibody						
Rabbit Polyclonal Antigen Affinity Purified Catalog No. A303-313A Lot No. A303-313A-1		Protein ID GeneID	NP_056274.3 25923		BETHYL LABORATORIES, INC	
APPLICATIONS		WB, IP				
SPECIES REACTIVITY		Human, Mouse				
AMOUNT		100 µl				
CONCENTRATION		200 µg/ml				
STORAGE/SHELF LIFE		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 huma 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		
		Immunoprecip	itation 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 IN	FO	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				

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 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).

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