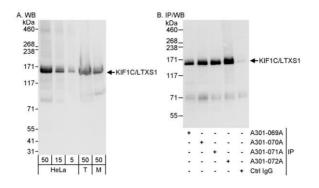
KIF1C/LTXS1 Antibody

| Rabbit Polyclo | onal | | Protoin ID | | | |
|--|------|---|----------------------|----------------------|-------------------------------------|--|
| Antigen Affinity Purified Catalog No. A301–072A | | | Protein ID GenelD | NP_006603.2 10749 | | |
| Lot No. | | 072A-1 | Geneid | 10749 | BETHYL | |
| APPLICATIONS | | WB, IP | | | | |
| SPECIES REACTIVITY | | Human, Mouse | | | | |
| PRESUMED REACTIVITY | | Based on 100% sequence identity, this antibody is predicted to react with Rat | | | | |
| 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 | | lgG | | | | |
| ORIGIN | | USA | | | | |
| PRODUCTION PROCEDURES | | Antibody was affinity purified using an epitope specific to KIF1C/LTXS1 immobilized on solid support. | | | | |
| | | The epitope recognized by A301-072A maps to a region between residue 1053 and the C- terminus (residue 1103) of human kinesin family member 1C (lethal toxin sensitivity 1) using the numbering given in entry NP_006603.2 (GeneID 10749). | | | | |
| | | Immunoglobulin 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 | | |
| | | Immunoprecipit | ation 2 - | - 5 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 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). | | | | |
| | | Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE. | | | | |
| ADDITIONAL IN | IFO | https://www.bethyl.com/product/A301–072A | | | | |
| | | 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 | | | | |
| T 1 · | | | 1 | | defined by Dethud Laboratorian Inc. | |

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 KIF1C/LTXS1 by western blot (h&m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 µg) and mouse NIH 3T3 (M; 50 µg) cells. Antibodies: Affinity purified rabbit anti-KIF1C/LTXS1 antibody A301–072A used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate. KIF1C/LTXS1 was also immunoprecipitated by rabbit anti-KIF1C/LTXS1 antibodies A301–069A, A301–070A and A301–071A, which recognize upstream epitopes. Detection: Chemiluminescence with exposure times of 3 seconds (A) and 1 second (B).