KIF5B Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_004512.1

Catalog No. A304-307A GeneID 3799

Lot No. A304-307A-1

APPLICATIONS WB, IP

SPECIES REACTIVITY Human

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 PROCEDURES

Antibody was affinity purified using an epitope specific to KIF5B immobilized on solid support.

The epitope recognized by A304–307A maps to a region between residue 913 to 963 of human Kinesin Family Member 5B using the numbering given in entry NP_004512.1 (GenelD 3799).

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 1:500 - 1:2,500

Immunoprecipitation 2 – 10 µg/mg lysate

APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. \$100–020),

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 INFO https://www.bethyl.com/product/A304-307A

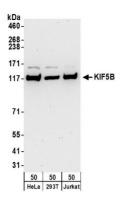
Use the link above to view SDS, a current list of citations, and other product specific information.

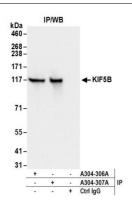
IP-western blot protocol: https://www.bethyl.com/content/protocol IP WB

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



KIF5B Antibody A304-307A





Detection of human KIF5B by western blot. Samples: Whole cell lysate (50 μ g) from HeLa, HEK293T, and Jurkat and cells. Antibodies: Affinity purified rabbit anti-KIF5B antibody A304-307A (lot A304-307A-1) used for WB at 1 μ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

Detection of human KIF5B by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T and cells. Antibodies: Affinity purified rabbit anti-KIF5B antibody A304–307A (lot A304–307A–1) used for IP at 6 μg per reaction. KIF5B was also immunoprecipitated by rabbit anti-KIF5B antibody A304–306A. For blotting immunoprecipitated KIF5B, A304–307A was used at 1 μg/ml. Detection: Chemiluminescence with an exposure time of 1 second.