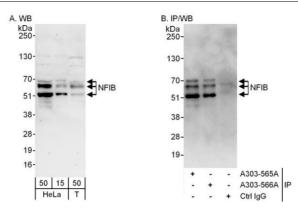
NFIB Antibody **Rabbit Polyclonal** Antigen Affinity Purified Protein ID NP 005587.2 Catalog No. A303-565A GenelD 4781 A303-565A-1 Lot No. ABOBA APPLICATIONS WB. IP SPECIES REACTIVITY Human Based on 100% sequence identity, this antibody is predicted to react with Mouse, Bovine and PRESUMED REACTIVITY Golden hamster 100 ul AMOUNT CONCENTRATION $1000 \,\mu g/ml$ 2 - 8° C / 1 year from date of receipt STORAGE/SHELF LIFE PHYSICAL STATE Liauid Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide BUFFER ISOTYPE IaG ORIGIN USA PRODUCTION Antibody was affinity purified using an epitope specific to NFIB immobilized on solid support. PROCEDURES The epitope recognized by A303-565A maps to a region between residue 225 and 275 of human Nuclear Factor I/B using the numbering given in entry NP_005587.2 (GeneID 4781). 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 μ g/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 4-20% 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/A303-565A 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

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.

Ź



Detection of human NFIB by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 µg) cells. Antibodies: Affinity purified rabbit anti–NFIB antibody A303–565A used for WB at 0.04 µg/ml (A) and 0.4 µg/ml (B) and used for IP at 6 µg/mg lysate. NFIB was also immunoprecipitated by rabbit anti– NFIB antibody A303–566A, which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 10 seconds (B).

Bethyl Laboratories, Inc. • 25043 West FM 1097 • Montgomery, TX 77356 • 800.338.9579 • 936.597.6111 • 866.597.6105 (FAX) • www.bethyl.com • technical@bethyl.com