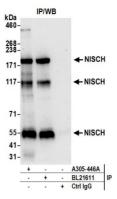
## **NISCH Antibody Rabbit Polyclonal** Antigen Affinity Purified Protein ID O9Y2I1.3 Catalog No. A305-446A GenelD 11188 Lot No. A305-446A-1 BOBATOB APPLICATIONS IP SPECIES REACTIVITY Human AMOUNT 100 ul CONCENTRATION $1000 \,\mu g/ml$ STORAGE/SHELF LIFE 2 – 8° C / 1 year from date of receipt PHYSICAL STATE Liauid BUFFER Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide ISOTYPE IgG ORIGIN USA PRODUCTION Antibody was affinity purified using an epitope specific to NISCH immobilized on solid support. PROCEDURES The epitope recognized by A305-446A maps to a region between residue 1100 to 1150 of human Nischarin using the numbering given in entry Q9Y2I1.3 (GeneID 11188). 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 Not recommended. A305-446A has not performed satisfactorily when used for WB of NISCH in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of NISCH. Immunoprecipitation $2 - 10 \mu g/mg$ 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 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). ADDITIONAL INFO https://www.bethyl.com/product/A305-446A 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.



## Detection of human NISCH by western blot of

**immunoprecipitates.** Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-NISCH antibody A305-446A (lot A305-446A-1) used for IP at 6  $\mu$ g per reaction. NISCH was also immunoprecipitated by rabbit anti-NISCH antibody BL21611. For blotting immunoprecipitated NISCH, A305-446A was used at 0.4  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

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