

Neogenin Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_002490.2

Catalog No. A304-399A

GeneID 4756

Lot No. A304-399A-1



APPLICATIONS WB, IP

SPECIES REACTIVITY Human, Mouse

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Rat and Chicken

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 Neogenin immobilized on solid support.

The epitope recognized by A304-399A maps to a region between residue 1411 to 1461 of human Neogenin using the numbering given in entry NP_002490.2 (GeneID 4756).

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 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 INFO

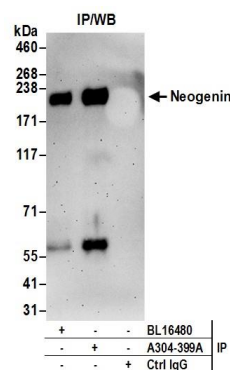
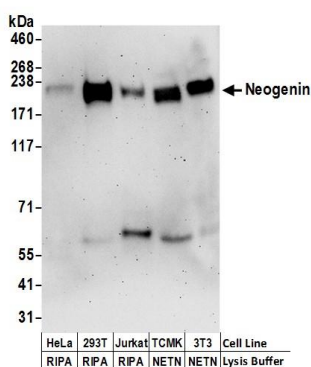
<https://www.bethyl.com/product/A304-399A>

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



Detection of human and mouse Neogenin by western blot. *Samples:* Whole cell lysate (50 µg) prepared using NETN or RIPA buffer from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. *Antibodies:* Affinity purified rabbit anti-Neogenin antibody A304-399A (lot A304-399A-1) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.

Detection of human Neogenin by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) prepared using RIPA buffer from Jurkat cells. *Antibodies:* Affinity purified rabbit anti-Neogenin antibody A304-399A (lot A304-399A-1) used for IP at 6 µg per reaction. Neogenin was also immunoprecipitated by rabbit anti-Neogenin antibody BL16480. For blotting immunoprecipitated Neogenin, A304-399A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.