Notch1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_060087.3

Catalog No. A301-894A GeneID 4851

Lot No. A301-894A-1

APPLICATIONS IP

SPECIES REACTIVITY Human

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

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 Notch1 immobilized on solid support.

The epitope recognized by A301-894A maps to a region between residue 2400 and 2450 of human Notch ortholog 1, translocation-associated using the numbering given in entry

NP_060087.3 (GeneID 4851).

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 Not recommended. Use rabbit anti-Notch1 antibody A301-895A.

Immunoprecipitation 2 – 5 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).

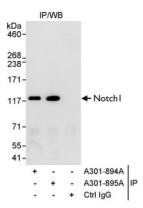
ADDITIONAL INFO https://www.bethyl.com/product/A301-894A

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 Notch1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-Notch1 antibody A301-894A used for IP at 3 μg/mg lysate. Notch1 was also immunoprecipitated by rabbit anti-Notch1 antibody A301-895A, which recognizes a downstream epitope. For blotting immunoprecipitated Notch1, A301-895A was used at 1 μg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.