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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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DNL3 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID CAA59230.1

Catalog No. A301-637A

GeneID 3980

Lot No. A301-637A-3



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-buffered Saline containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to DNL3 immobilized on solid support.

The epitope recognized by A301-637A maps to a region between residue 800 and 850 of human DNA Ligase III using the numbering given in entry CAA59230.1 (GeneID 3980).

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 1:2,000 – 1:10,000

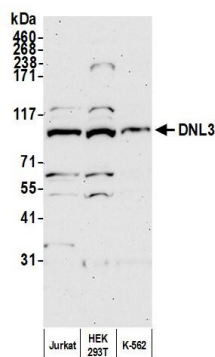
Immunoprecipitation 2 – 10 µg/mg lysate

ADDITIONAL INFO <https://www.bethyl.com/product/A301-637A>

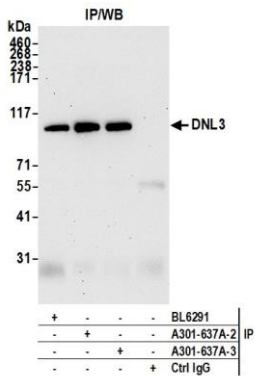
Use the link above to view SDS, a current list of citations, and other product specific information.

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.
Brian McWilliams, PhD Date: August 20, 2021



Detection of human DNL3 by western blot. *Samples:* Whole cell lysate (50 µg) from Jurkat, HEK293T, and K-562 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-DNL3 antibody (A301-637A lot 3) used for WB at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.



Detection of human DNL3 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-DNL3 antibody (A301-637A lot 3) used for IP at 6 µg per reaction. DNL3 was also immunoprecipitated by a previous lot of this antibody (A301-637A lot 2) and a second antibody against a different epitope of DNL3 (BL6291). For blotting immunoprecipitated DNL3, A301-637A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.