

# LIN28B Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_001004317.1

Catalog No. A303-588A

GeneID 389421

Lot No. A303-588A-1



<b>APPLICATIONS</b>	WB, IP
<b>SPECIES REACTIVITY</b>	Human
<b>AMOUNT</b>	100 µl
<b>CONCENTRATION</b>	200 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using an epitope specific to LIN28B immobilized on solid support.

The epitope recognized by A303-588A maps to a region between residue 1 and 50 of human Lin-28 homolog B using the numbering given in entry NP\_001004317.1 (GeneID 389421).

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 4-20% 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/A303-588A>

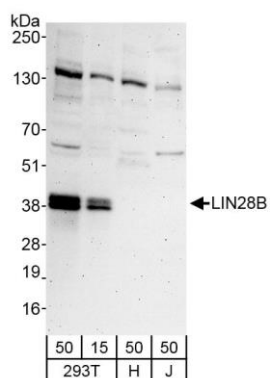
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol [https://www.bethyl.com/content/protocol\\_IP\\_WB](https://www.bethyl.com/content/protocol_IP_WB)

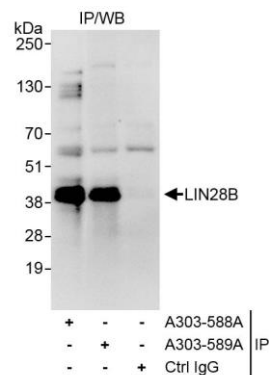
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Eric McIntush, PhD | Chief Scientific Officer

Date: November 12, 2019



**Detection of human LIN28B by western blot.** *Samples:* Whole cell lysate from HEK293T (15 and 50 µg), HeLa (H; 50 µg), and Jurkat (J; 50 µg) cells. *Antibody:* Affinity purified rabbit anti-LIN28B antibody A303-588A (lot A303-588A-1) used at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



**Detection of human LIN28B by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HEK293T cells. *Antibodies:* Affinity purified rabbit anti-LIN28B antibody A303-588A (lot A303-588A-1) used for IP at 6 µg/mg lysate. LIN28B was also immunoprecipitated by rabbit anti-LIN28B antibody A303-589A, which recognizes a downstream epitope. For blotting immunoprecipitated LIN28B, A303-588A was used at 1.0 µg/ml. *Detection:* Chemiluminescence with exposure time of 3 seconds.