

METTL13 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_057019.3

Catalog No. A304-194A

GeneID 51603

Lot No. A304-194A-1



| | |
|------------------------------|---|
| 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-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 METTL13 immobilized on solid support. |

The epitope recognized by A304-194A maps to a region between residue 650 to 700 of human Methyltransferase Like 13 using the numbering given in entry NP_057019.3 (GeneID 51603).

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 1:1,000 – 1:5,000

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).

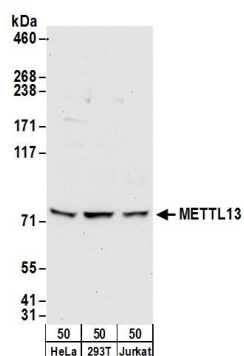
Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

ADDITIONAL INFO <https://www.bethyl.com/product/A304-194A>

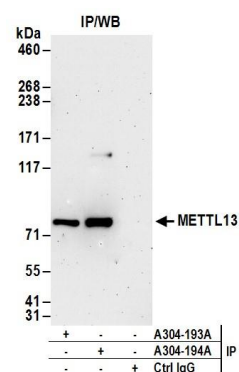
Use the link above to view SDS, a current list of citations, and other product specific information.

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 METTL13 by western blot. *Samples:* Whole cell lysate (50 μ g) from HeLa, HEK293T, and Jurkat cells. *Antibodies:* Affinity purified rabbit anti-METTL13 antibody A304-194A (lot A304-194A-1) used for WB at 0.4 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human METTL13 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-METTL13 antibody A304-194A (lot A304-194A-1) used for IP at 1 μ g per reaction. METTL13 was also immunoprecipitated by rabbit anti-METTL13 antibody A304-193A. For blotting immunoprecipitated METTL13, A304-194A was used at 1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.