

JMJD1A/JHDM2A Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_060903.2

Catalog No. A301-538A

GeneID 55818

Lot No. A301-538A-1



APPLICATIONS	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 JMJD1A/JHDM2A immobilized on solid support.

The epitope recognized by A301-538A maps to a region between residue 1025 and 1075 of human jumonji domain containing 1A (JmjC domain-containing histone demethylation protein 2A) using the numbering given in entry NP_060903.2 (GeneID 55818).

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-JMJD1A/JHDM2A antibody A301-539A.

Immunoprecipitation 2 - 5 µg/mg lysate

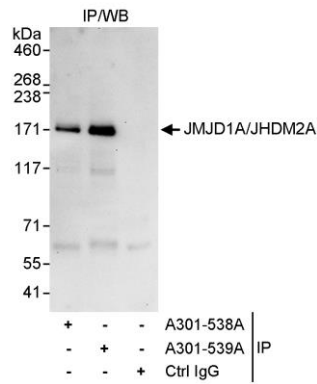
APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

ADDITIONAL INFO <https://www.bethyl.com/product/A301-538A>

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 JMJD1A/JHDM2A 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-JMJD1A/JHDM2A antibody A301-538A used for IP at 3 µg/mg lysate. JMJD1A/JHDM2A was also immunoprecipitated by rabbit anti-JMJD1A/JHDM2A antibody A301-539A, which recognizes a downstream epitope. For blotting immunoprecipitated JMJD1A/JHDM2A, A301-539A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.