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Produktinformation



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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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G9A/EHMT2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_006700.2

Catalog No. A300-933A

GeneID 10919

Lot No. A300-933A-2



APPLICATIONS	WB, IP, IHC
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 G9A/EHMT2 immobilized on solid support.

The epitope recognized by A300-933A maps to a region between residue 1160 and the C-terminus (residue 1210) of human G9A (Euchromatic Histone-Lysine N-Methyltransferase 2) using the numbering given in entry NP_006700.2 (GeneID 10919).

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

Immunohistochemistry 1:1,000 - 1:5,000. Epitope retrieval with Tris-EDTA pH 9.0 is recommended for FFPE tissue sections.

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.

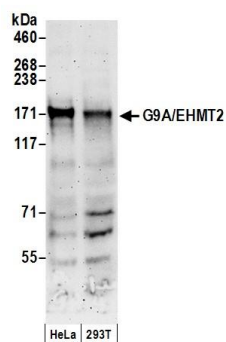
IHC HUMAN CONTROLS Breast Carcinoma

ADDITIONAL INFO <https://www.bethyl.com/product/A300-933A>

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

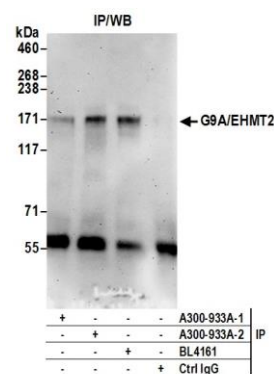
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

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



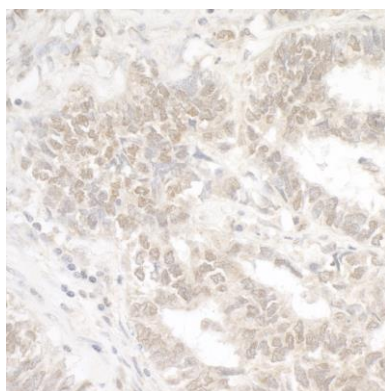
Detection of human G9A/EHMT2 by western blot.

Samples: Whole cell lysate (50 µg) from HeLa and HEK293T cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-G9A/EHMT2 antibody A300-933A (lot A300-933A-2) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human G9A/EHMT2 by western blot of immunoprecipitates.

Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-G9A/EHMT2 antibody A300-933A (lot A300-933A-2) used for IP at 6 µg per reaction. G9A/EHMT2 was also immunoprecipitated by a previous lot of this antibody (A300-933A-1) and rabbit anti-G9A/EHMT2 antibody BL4161. For blotting immunoprecipitated G9A/EHMT2, A300-933A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human G9A/EHMT2 by immunohistochemistry. *Sample:* FFPE section of human lung carcinoma. *Antibody:* Affinity purified rabbit anti-G9A/EHMT2 (Cat. No. A300-933A Lot2) used at a dilution of 1:5,000 (0.2µg/ml). *Detection:* DAB