

PRMT1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_001527.2

Catalog No. A300-722A

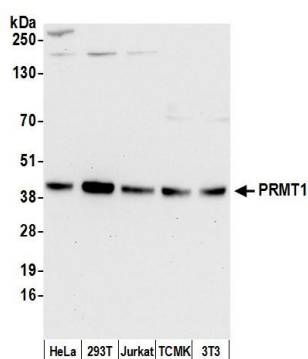
GeneID 3276

Lot No. A300-722A-2



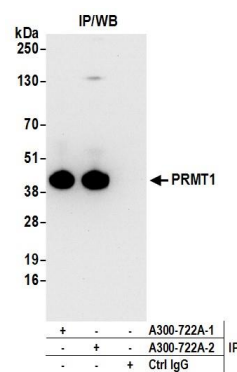
APPLICATIONS	WB, IP, IHC						
SPECIES REACTIVITY	Human, Mouse						
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat						
AMOUNT	100 µl						
CONCENTRATION	1000 µg/ml						
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt						
PHYSICAL STATE	Liquid						
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide						
ISOTYPE	IgG						
ORIGIN	USA						
PRODUCTION PROCEDURES	<p>Antibody was affinity purified using an epitope specific to PRMT1 immobilized on solid support.</p> <p>The epitope recognized by A300-722A maps to a region between residue 1 and 50 of human Protein Arginine N-Methyltransferase 1 using the numbering given in entry NP_001527.2 (GeneID 3276).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>						
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <table><tr><td>Western Blot</td><td>1:2,000 - 1:10,000</td></tr><tr><td>Immunoprecipitation</td><td>2 - 5 µg/mg lysate</td></tr><tr><td>Immunohistochemistry</td><td>1:2,000 - 1:10,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</td></tr></table>	Western Blot	1:2,000 - 1:10,000	Immunoprecipitation	2 - 5 µg/mg lysate	Immunohistochemistry	1:2,000 - 1:10,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
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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).						
IHC HUMAN CONTROLS	Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Prostate Carcinoma, Testicular Seminoma						
IHC MOUSE CONTROLS	Colon Carcinoma CT26, Renal Cell Carcinoma, Squamous Cell Carcinoma, Teratoma						
ADDITIONAL INFO	<p>https://www.bethyl.com/product/A300-722A</p> <p>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</p>						

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



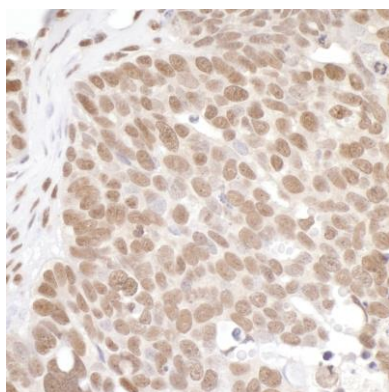
Detection of human and mouse PRMT1 by western blot.

Samples: Whole cell lysate (15 µg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. **Antibody:** Affinity purified rabbit anti-PRMT1 antibody A300-722A (lot A300-722A-2) used for WB at 0.1 µg/ml. **Detection:** Chemiluminescence with an exposure time of 10 seconds.



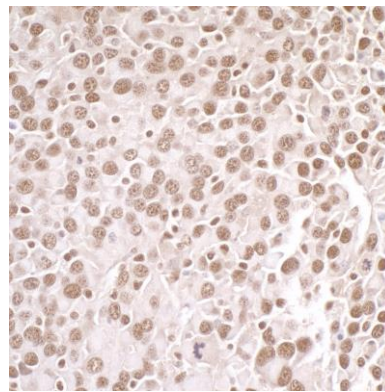
Detection of human PRMT1 by western blot of immunoprecipitates.

Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. **Antibodies:** Affinity purified rabbit anti-PRMT1 antibody A300-722A (lot A300-722A-2) used for IP at 3 µg per reaction. PRMT1 was also immunoprecipitated by a previous lot of this antibody (lot A300-722A-1). For blotting immunoprecipitated PRMT1, A300-722A was used at 1 µg/ml. **Detection:** Chemiluminescence with an exposure time of 10 seconds.



Detection of human PRMT1 by immunohistochemistry.

Sample: FFPE section of human ovarian carcinoma. **Antibody:** Affinity purified rabbit anti-PRMT1 (Cat. No. A300-722A Lot2) used at a dilution of 1:5,000 (0.2 µg/ml). **Detection:** DAB



Detection of mouse PRMT1 by immunohistochemistry.

Sample: FFPE section of mouse renal cell carcinoma. **Antibody:** Affinity purified rabbit anti-PRMT1 (Cat. No. A300-722A Lot2) used at a dilution of 1:5,000 (0.2 µg/ml). **Detection:** DAB