

Product Datasheet

PRMT1 Antibody (779) - Azide and BSA Free NBP2-43744

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 1

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NBP2-43744

PRMT1 Antibody (779) - Azide and BSA Free

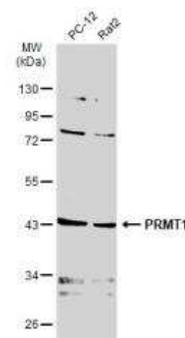
| Product Information | |
|----------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 779 |
| Preservative | No Preservative |
| Isotype | IgG2a |
| Purity | Protein G purified |
| Buffer | PBS |

| Product Description | |
|-------------------------|---|
| Description | Novus Biologicals Mouse PRMT1 Antibody (779) - Azide and BSA Free (NBP2-43744) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-PRMT1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Mouse |
| Gene ID | 3276 |
| Gene Symbol | PRMT1 |
| Species | Human, Mouse, Rat |
| Reactivity Notes | Please note that this antibody is reactive to Mouse and derived from the same host, Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments Please contact Technical Support for more information. |
| Immunogen | Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human PRMT1. The exact sequence is proprietary. |

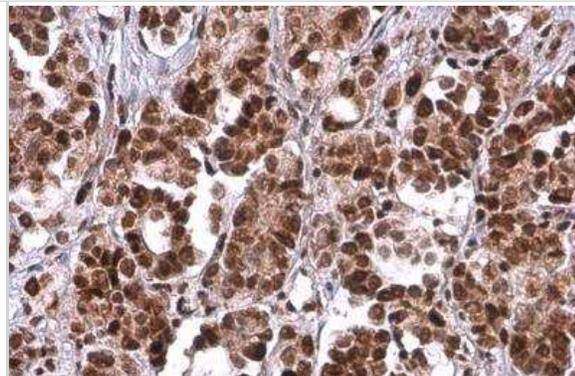
| Product Application Details | |
|------------------------------|---|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence |
| Recommended Dilutions | Western Blot 1:500-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000 |

Images

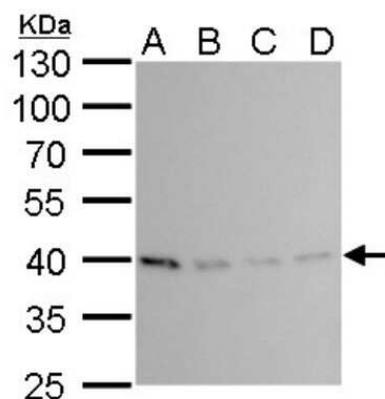
Western Blot: PRMT1 Antibody (779) [NBP2-43744] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with PRMT1 Antibody (779) diluted at 1:1000. HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.



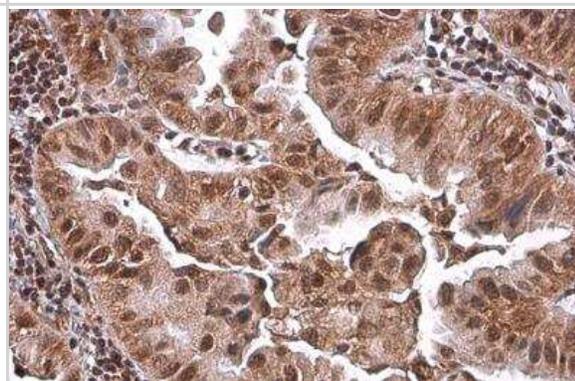
Immunohistochemistry-Paraffin: PRMT1 Antibody (779) [NBP2-43744] - PRMT1 Antibody (779) detects PRMT1 protein at cytoplasm and nucleus by immunohistochemical analysis. Sample: Paraffin-embedded human ovarian cancer. PRMT1 stained by PRMT1 Antibody (779) diluted at 1:200.



Western Blot: PRMT1 Antibody (779) [NBP2-43744] - Analysis of A. 30 ug 293T whole cell lysate/extract B. 30 ug A431 whole cell lysate/extract C. 30 ug HeLa whole cell lysate/extract D. 30 ug HepG2 whole cell lysate/extract 10 % SDS-PAGE PRMT1 antibody [779] dilution: 1:500



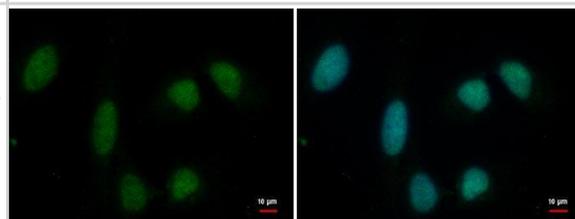
Immunohistochemistry-Paraffin: PRMT1 Antibody (779) [NBP2-43744] - PRMT1 Antibody (779) detects PRMT1 protein at cytoplasm and nucleus by immunohistochemical analysis. Sample: Paraffin-embedded human lung cancer. PRMT1 stained by PRMT1 Antibody (779) diluted at 1:200.



PRMT1 antibody [GT779] detects PRMT1 protein at nucleus by immunofluorescent analysis.
Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: PRMT1 protein stained by PRMT1 antibody [GT779] (NBP2-43744) diluted at 1:200.

Blue: Hoechst 33342 staining.



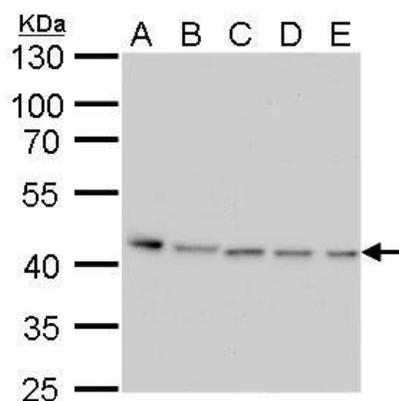
PRMT1 antibody [GT779] detects PRMT1 protein by western blot analysis.

- A. 30 ug Neuro2A whole cell lysate/extract
- B. 30 ug GL261 whole cell lysate/extract
- C. 30 ug NIH-3T3 whole cell lysate/extract
- D. 30 ug Raw264.7 whole cell lysate/extract
- E. 30 ug C2C12 whole cell lysate/extract

10% SDS-PAGE

PRMT1 antibody [GT779] (NBP2-43744) dilution: 1:1000

The HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.



Publications

Lavogina D, Nasirova N, SOrmus T et al. Conjugates of adenosine mimetics and arginine-rich peptides serve as inhibitors and fluorescent probes but not as long-lifetime photoluminescent probes for protein arginine methyltransferases *Journal of peptide science : an official publication of the European Peptide Society* 2022-10-08 [PMID: 36208424]



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Products Related to NBP2-43744

| | |
|-------------|--|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-96778 | Mouse IgG2a Isotype Control (M2A) |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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