

Product Datasheet

PRMT7 Antibody NBP2-19939

Unit Size: 0.1 ml

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

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Publications: 4

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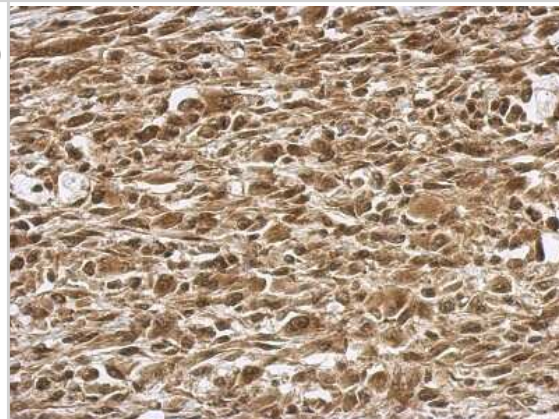
NBP2-19939

PRMT7 Antibody

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	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	78 kDa
Product Description	
Description	Novus Biologicals Rabbit PRMT7 Antibody (NBP2-19939) is a polyclonal antibody validated for use in IHC, WB, ICC/IF, IP and CHIP. Anti-PRMT7 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	54496
Gene Symbol	PRMT7
Species	Human, Mouse
Reactivity Notes	Bovine (83%)
Immunogen	Recombinant protein encompassing a sequence within the center region of human PRMT7. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000, Chromatin Immunoprecipitation (ChIP) Assay dependent

Images

Immunohistochemistry-Paraffin: PRMT7 Antibody [NBP2-19939] - Analysis of paraffin-embedded C2C12 xenograft, using antibody at 1:500 dilution.

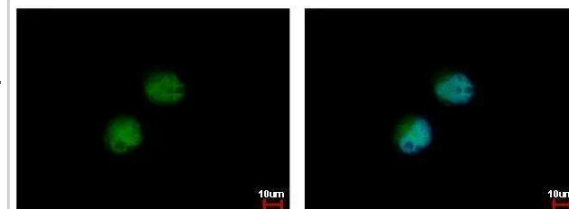


PRMT7 antibody detects PRMT7 protein at cytoplasm and nucleus by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: PRMT7 protein stained by PRMT7 antibody (NBP2-19939) diluted at 1:500.

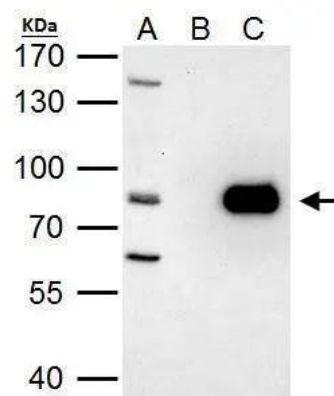
Blue: Hoechst 33342 staining.



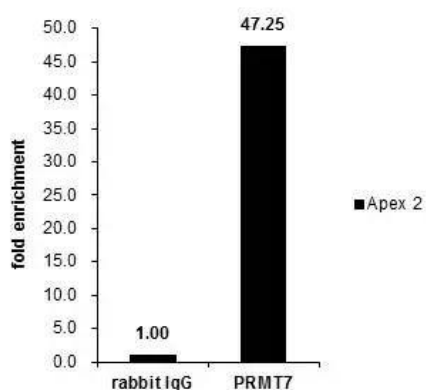
PRMT7 antibody immunoprecipitates PRMT7 protein in IP experiments.

IP Sample: HeLa whole cell lysate/extract A. 40 ug HeLa whole cell lysate/extract B. Control with 2 ug of preimmune rabbit IgG C.

Immunoprecipitation of PRMT7 protein by 2 ug of PRMT7 antibody (NBP2-19939) 7.5% SDS-PAGE The immunoprecipitated PRMT7 protein was detected by PRMT7 antibody (NBP2-19939) diluted at 1:1000. EasyBlot anti-rabbit IgG was used as a secondary reagent.



Cross-linked ChIP was performed with NIH3T3 chromatin extract and 5 ug of either control rabbit IgG or anti-PRMT7 antibody. The precipitated DNA was detected by PCR with primer set targeting to Apex2.



Publications

Feng D, Gao J, Liu R et al. CARM1 drives triple-negative breast cancer progression by coordinating with HIF1A Protein & Cell 2024-10-01 [PMID: 38476024]

Zhu J, Li X, Cai X et al. Arginine Monomethylation by PRMT7 Controls MAVS-Mediated Antiviral Innate Immunity Mol Cell 2021-06-25 [PMID: 34171297]

Zhu J, Xiao W A proteomics protocol to identify stimulation-induced binding partners dependent on a specific gene in mammalian cells STAR protocols 2021-12-17 [PMID: 34820639] (IP)

Blanc RS, Vogel G, Chen T et al. PRMT7 Preserves Satellite Cell Regenerative Capacity Cell Rep 2016-02-16 [PMID: 26854227] (WB, Mouse)





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Products Related to NBP2-19939

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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