

Product Datasheet

PRMT5 Antibody NBP2-19935

Unit Size: 0.1 ml

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

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NBP2-19935**PRMT5 Antibody**

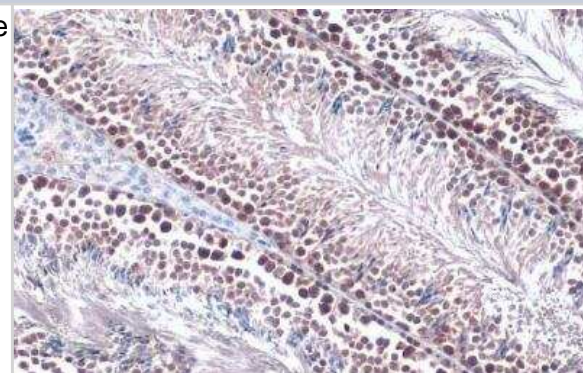
| Product Information | |
|--------------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.025% Proclin 300 |
| Isotype | IgG |
| Purity | Antigen Affinity-purified |
| Buffer | PBS (pH 7), 20% Glycerol, 1% BSA |
| Target Molecular Weight | 73 kDa |

| Product Description | |
|----------------------------|---|
| Host | Rabbit |
| Gene ID | 10419 |
| Gene Symbol | PRMT5 |
| Species | Human, Mouse |
| Immunogen | Recombinant protein encompassing a sequence within the center region of human PRMT5. The exact sequence is proprietary. |

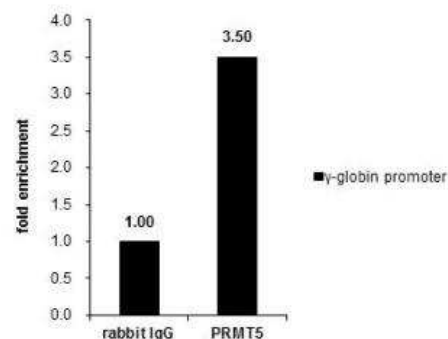
| Product Application Details | |
|------------------------------------|---|
| Applications | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP) |
| Recommended Dilutions | Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000, Chromatin Immunoprecipitation (ChIP) |
| Application Notes | ChIP assay- Assay-dependent dilution |

Images

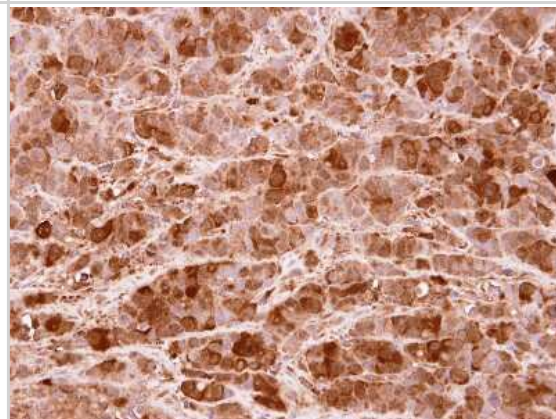
Immunohistochemistry-Paraffin: PRMT5 Antibody [NBP2-19935] - Mouse testis. PRMT5 stained by PRMT5 antibody [N1C1] diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



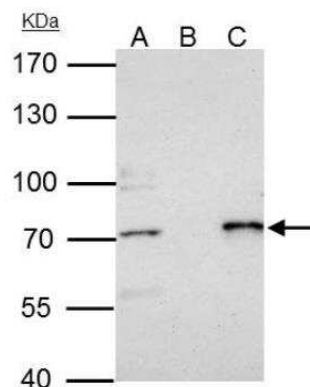
Chromatin Immunoprecipitation (ChIP): PRMT5 Antibody [NBP2-19935]
 - Cross-linked ChIP was performed with K562 chromatin extract and 5 ug of either control rabbit IgG or anti-PRMT5 antibody. The precipitated DNA was detected by PCR with primer set targeting to gamma-globin promoter.



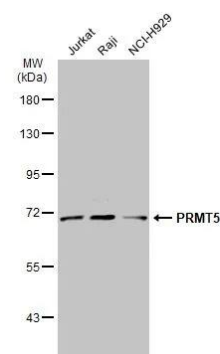
Immunohistochemistry-Paraffin: PRMT5 Antibody [NBP2-19935] - MCF7 xenograft, using PRMT5 antibody at 1:100 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Immunoprecipitation: PRMT5 Antibody [NBP2-19935] - A. 35 ug Raji whole cell extract **B.** Control with 4 ug of preimmune Rabbit IgG **C.** Immunoprecipitation of PRMT5 protein by 4 ug PRMT5 antibody [N1C1] **7.5 % SDS-PAGE** The immunoprecipitated PRMT5 protein was detected by PRMT5 antibody [N1C1] diluted at 1:500. [EasyBlot anti-rabbit IgG was used as a secondary reagent]



Western Blot: PRMT5 Antibody [NBP2-19935] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with PRMT5 antibody [N1C1] (NBP2-19935) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.





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Products Related to NBP2-19935

| | |
|--------------------|---|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |
| H00010419-P01-10ug | Recombinant Human PRMT5 GST (N-Term) Protein |

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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