PRMT5 antibody [N1C1]

Cat. No. GTX116004

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P, IP, ChIP assay
Reactivity	Human, Mouse

References (5)

Review (1)

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
IHC-P	1:100-1:1000
IP	1:100-1:500
ChIP assay	Assay dependent

Not tested in other applications.

Calculated MW 73 kDa. (Note)

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	0.31 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human PRMT5. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

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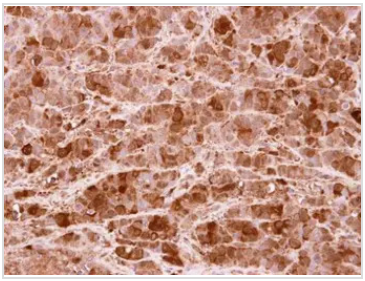
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Note

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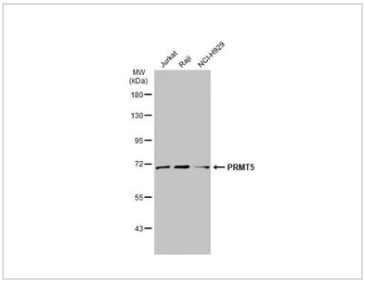
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DATA IMAGES



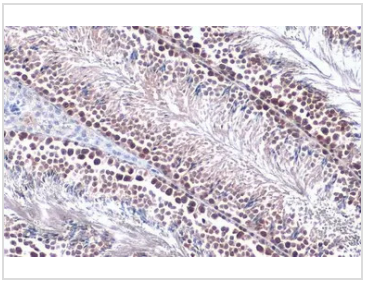
GTX116004 IHC-P Image

Immunohistochemical analysis of paraffin-embedded MCF7 xenograft, using PRMT5(GTX116004) antibody at 1:100 dilution.
Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



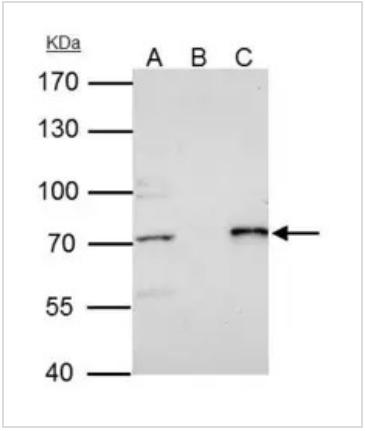
GTX116004 WB Image

Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with PRMT5 antibody [N1C1] (GTX116004) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX116004 IHC-P Image

PRMT5 antibody [N1C1] detects PRMT5 protein at cytoplasm and nucleus by immunohistochemical analysis.
Sample: Paraffin-embedded mouse testis.
PRMT5 stained by PRMT5 antibody [N1C1] (GTX116004) diluted at 1:500.
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX116004 IP Image

PRMT5 antibody [N1C1] immunoprecipitates PRMT5 protein in IP experiments.
IP samples: Raji whole cell extract
A. 35 µg Raji whole cell extract
B. Control with 4 µg of preimmune Rabbit IgG
C. Immunoprecipitation of PRMT5 protein by 4 µg PRMT5 antibody [N1C1] (GTX116004)
7.5 % SDS-PAGE
The immunoprecipitated PRMT5 protein was detected by PRMT5 antibody [N1C1] (GTX116004) diluted at 1:500.
[EasyBlot anti-rabbit IgG (GTX221666-01) was used as a secondary reagent]

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