

Product Datasheet

PRMT5 Antibody NB110-40571

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NB110-40571**PRMT5 Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA
Target Molecular Weight	72 kDa

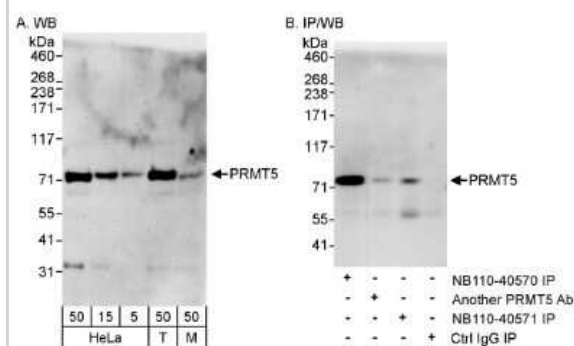
Product Description	
Host	Rabbit
Gene ID	10419
Gene Symbol	PRMT5
Species	Human
Reactivity Notes	Orangutan (100%).
Immunogen	The immunogen recognized by this antibody maps to a region between residue 580 and the C-terminus (residue 637) of Protein Arginine Methyltransferase 5 using the numbering given in entry NP_006100.2 (GeneID 10419).

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation (Negative)
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunoprecipitation (Negative)
Application Notes	Not recommended for Immunoprecipitation, use NB110-40570. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

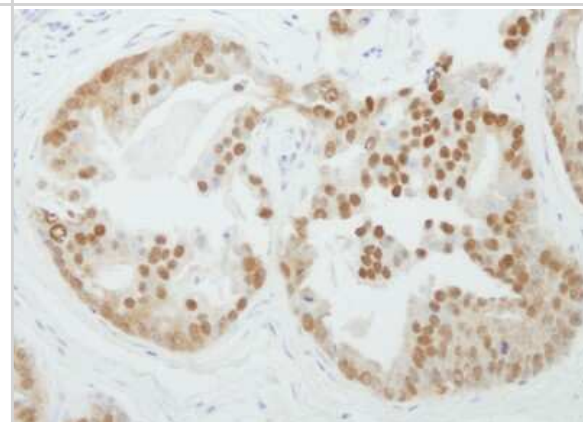


Images

Western Blot: PRMT5 Antibody [NB110-40571] - Detection of Human and Mouse PRMT5 on HeLa whole cell lysate using NB110-40571. PRMT5 was also immunoprecipitated by another rabbit anti-PRMT5 antibodies and NB110-40570.



Immunohistochemistry-Paraffin: PRMT5 Antibody [NB110-40571] - Section of human prostate carcinoma. Antibody: Affinity purified rabbit anti- PRMT5 used at a dilution of 1:200 (1ug/ml). Detection: DAB



Publications

Pak MG, Lee HW, Roh MS. High nuclear expression of protein arginine methyltransferase-5 is a potentially useful marker to estimate submucosal invasion in endoscopically resected early colorectal carcinoma. *Pathol. Int.* 2015-08-06 [PMID: 26248553] (IHC-P, Human)

Details:

PRMT5 antibody was used for IHC-P analysis of endoscopically resected tissue samples from human subjects having adenomas with low-grade dysplasia, adenomas with high-grade dysplasia, intramucosal carcinomas, and submucosal invasive carcinomas. The primary antibody was used at 1:500 dilution and the assay was performed on automated stainer (Figure 1).



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Products Related to NB110-40571

NBL1-14795	PRMT5 Overexpression Lysate
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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