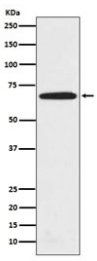
PRMT5 Antibody [clone DCE-16] (RQ4706)

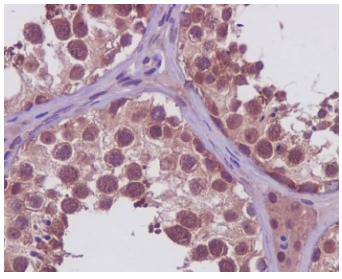
Catalog No.	Formulation	Size
RQ4706	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	DCE-16
Purity	Affinity purified
UniProt	O14744
Applications	Western Blot : 1:5000-1:10000 Immunohistochemistry (FFPE) : 1:50-1:200
Limitations	This PRMT5 antibody is available for research use only.



Western blot testing of human HeLa cell lysate with PRMT5 antibody. Expected molecular weight ~72 kDa.



IHC staining of FFPE human testis tissue with PRMT5 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.

Description

The PRMT5 gene encodes an enzyme that belongs to the methyltransferase family. Protein arginine methyltransferase 5 catalyzes the transfer of methyl groups to the amino acid arginine, in target proteins that include histones, transcriptional elongation factors and the tumor suppressor p53. This gene plays a role in several cellular processes, including transcriptional regulation, and the assembly of small nuclear ribonucleoproteins. [RefSeq]

Application Notes

Optimal dilution of the PRMT5 antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human Protein arginine methyltransferase 5 was used as the immunogen for the PRMT5 antibody.

Storage

Store the PRMT5 antibody at -20oC.

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