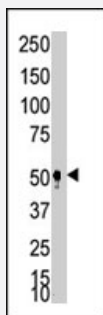


PRMT3 polyclonal antibody

Catalog # PAB2171

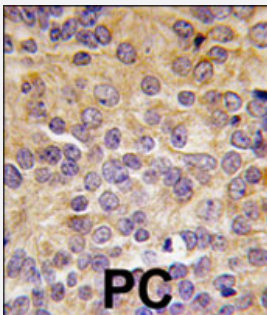
Size 400 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of PRMT3 polyclonal antibody (Cat # PAB2171) in whole HL-60 cell lysate : PRMT3 (Arrow) was detected using purified polyclonal antibody. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human prostate carcinoma tissue reacted with PRMT3 polyclonal antibody (Cat # PAB2171) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PRMT3.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human PRMT3.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification

Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:10-50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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Gene Info — PRMT3

Entrez GeneID	10196
Protein Accession#	O60678
Gene Name	PRMT3
Gene Alias	HRMT1L3
Gene Description	protein arginine methyltransferase 3
Omim ID	603190
Gene Ontology	Hyperlink
Gene Summary	Type I protein arginine N-methyltransferases (PRMTs), such as PRMT3, catalyze the formation of asymmetric N(G),N(G)-dimethylarginine (ADMA) residues in proteins (Tang et al., 1998 [PubMed 9642256]).[supplied by OMIM]
Other Designations	HMT1 hnRNP methyltransferase-like 3 heterogeneous nuclear ribonucleoprotein methyltransferase-like 3 protein arginine N-methyltransferase 3

Publication Reference

- [PRMT 3, a type I protein arginine N-methyltransferase that differs from PRMT 1 in its oligomerization, subcellular localization, substrate specificity, and regulation.](#)

Tang J, Gary JD, Clarke S, Herschman HR.

The Journal of Biological Chemistry 1998 Jul; 273(27):16935.

Application: IF, WB-Ce, Rat, RAT1 cells

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)