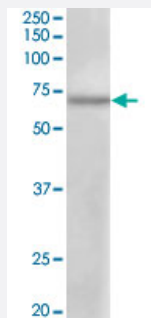


# PRMT3 polyclonal antibody

Catalog # PAB25450      Size 100 ug

## Applications



### Western Blot (Cell lysate)

PRMT3 polyclonal antibody (Cat # PAB25450) (1 ug/mL) staining of MCF-7 lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Specification

<b>Product Description</b>	Goat polyclonal antibody raised against synthetic peptide of PRMT3.
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids 468-421 at internal region of human PRMT3.
<b>Sequence</b>	DPKTLISEPCGIKH
<b>Host</b>	Goat
<b>Theoretical MW (kDa)</b>	70
<b>Reactivity</b>	Human
<b>Specificity</b>	This antibody is expected to recognize all reported isoforms (NP_005779.1; NP_001138638.1; NP_001138639.1).
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Concentration</b>	0.5 mg/mL

<b>Recommend Usage</b>	ELISA (1:16000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
<b>Storage Instruction</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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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- Enzyme-linked Immunoabsorbent Assay

## Gene Info — PRMT3

<b>Entrez GeneID</b>	<a href="#">10196</a>
<b>Protein Accession#</b>	<a href="#">NP_005779.1;NP_001138638.1;NP_001138639.1</a>
<b>Gene Name</b>	PRMT3
<b>Gene Alias</b>	HRMT1L3
<b>Gene Description</b>	protein arginine methyltransferase 3
<b>Omim ID</b>	<a href="#">603190</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	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]
<b>Other Designations</b>	HMT1 hnRNP methyltransferase-like 3 heterogeneous nuclear ribonucleoprotein methyltransferase-like 3 protein arginine N-methyltransferase 3

## Disease

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