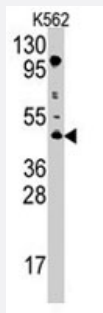


# PRMT8 polyclonal antibody

Catalog # PAB2400

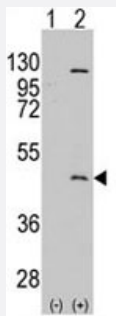
Size 400 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of PRMT8 polyclonal antibody (Cat # PAB2400) in K-562 cell line lysates (35 ug/lane). PRMT8 (arrow) was detected using the purified polyclonal antibody.



### Western Blot (Transfected lysate)

Western blot analysis of PRMT8 (arrow) using rabbit PRMT8 polyclonal antibody (Cat # PAB2400). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the PRMT8 gene (Lane 2) (Origene Technologies).

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of PRMT8.
<b>Immunogen</b>	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human PRMT8.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Protein A purification

<b>Recommend Usage</b>	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.09% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage 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

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Western blot analysis of PRMT8 (arrow) using rabbit PRMT8 polyclonal antibody (Cat # PAB2400). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the PRMT8 gene (Lane 2) (Origene Technologies).

## Gene Info — PRMT8

<b>Entrez GeneID</b>	<a href="#">56341</a>
<b>Protein Accession#</b>	<a href="#">NP_062828;Q9NR22</a>
<b>Gene Name</b>	PRMT8
<b>Gene Alias</b>	HRMT1L3, HRMT1L4
<b>Gene Description</b>	protein arginine methyltransferase 8
<b>Omim ID</b>	<a href="#">610086</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	Arginine methylation is a widespread posttranslational modification mediated by arginine methyltransferases, such as PRMT8. Arginine methylation is involved in a number of cellular processes, including DNA repair, RNA transcription, signal transduction, protein compartmentalization, and possibly protein translation (Lee et al., 2005 [PubMed 16051612]).[supplied by OMIM]
<b>Other Designations</b>	HMT1 hnRNP methyltransferase-like 3 HMT1 hnRNP methyltransferase-like 4 protein arginine N-methyltransferase 4 protein arginine N-methyltransferase 8

## Publication Reference

- [PRMT8, a new membrane-bound tissue-specific member of the protein arginine methyltransferase family.](#)

Lee J, Sayegh J, Daniel J, Clarke S, Bedford MT.

The Journal of Biological Chemistry 2005 Sep; 280(38):32890.

## Disease

- [Coronary Disease](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)