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## anti-PRMT5 antibody





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#### Overview

Quantity:	200 μL
Target:	PRMT5
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRMT5 antibody is un-conjugated
Application:	Western Blotting (WB)

### **Product Details**

Immunogen:	A synthetic peptide of human PRMT5 (NP_006100.2).
Isotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## **Target Details**

Target:	PRMT5
Alternative Name:	PRMT5 (PRMT5 Products)
Background:	This gene encodes an enzyme that belongs to the methyltransferase family. The encoded protein 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

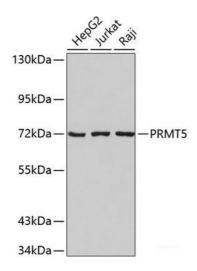
## **Target Details**

	assembly of small nuclear ribonucleoproteins. A pseudogene of this gene has been defined on chromosome 4. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Weight:	Observed_MW: 73 kDa  Calculated_MW: 53 kDa/66 kDa/67 kDa/71 kDa/72 kDa
Gene ID:	10419
UniProt:	014744
Pathways:	Chromatin Binding, Regulation of Muscle Cell Differentiation, Ribonucleoprotein Complex Subunit Organization, Skeletal Muscle Fiber Development

# Application Details

Application Notes:	WB 1:500-1:2000
Restrictions:	For Research Use only
Handling	

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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### **Western Blotting**

**Image 1.** Western blot analysis of extracts of various cell lines using PRMT5 Polyclonal Antibody.