

## PRMT2 Rabbit pAb

CatalogNo: YN8726

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human

#### Applications

- WB

#### MW

- 48kD (Calculated)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:500-2000

### Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human PRMT2

**Specificity** This antibody detects endogenous levels of PRMT2 at Human

### Target Information

**Gene name** PRMT2 HMT1 HRMT1L1

Protein Name	Protein arginine N-methyltransferase 2 (Histone-arginine N-methyltransferase PRMT2) (EC 2.1.1.125)		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">3275</a> ;	<a href="#">P55345</a> ;
	Mouse		<a href="#">Q9R144</a> ;
Cellular Localization	[Isoform 1]: Cytoplasm. Nucleus. Translocates from the cytoplasm to the nucleus, after hormone exposure. Excluded from nucleolus.; [Isoform PRMT2Alpha]: Nucleus. Excluded from nucleolus.; [Isoform PRMT2Beta]: Cytoplasm. Nucleus. Nucleus, nucleolus.; [Isoform PRMT2Gamma]: Nucleus. Excluded from nucleolus.; [Isoform PRMT2L2]: Cytoplasm . Nucleus . Predominantly cytoplasmic.		
Tissue specificity	Widely expressed. Highly expressed in androgen target organs such as heart, prostate, skeletal muscle, ovary and spinal cord.		
Function	Arginine methyltransferase that methylates the guanidino nitrogens of arginyl residues in proteins such as STAT3, FBL, histone H4. Acts as a coactivator (with NCOA2) of the androgen receptor (AR)-mediated transactivation. Acts as a coactivator (with estrogen) of estrogen receptor (ER)-mediated transactivation. Enhances PGR, PPARG, RARA-mediated transactivation. May inhibit NF-kappa-B transcription and promote apoptosis. Represses E2F1 transcriptional activity (in a RB1-dependent manner). May be involved in growth regulation.		

## Validation Data

## Contact information

Orders: [order.cn@immunoway.com](mailto:order.cn@immunoway.com)  
Support: [support.cn@immunoway.com](mailto:support.cn@immunoway.com)  
Telephone: 400-8787-807(China)  
Website: <http://www.immunoway.com.cn>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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**PRMT2 Rabbit pAb**

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