

## 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

<b>Protein Name</b>	Protein arginine N-methyltransferase 2 (Histone-arginine N-methyltransferase PRMT2) (EC 2.1.1.125)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">3275;</a>	<a href="#">P55345;</a>
	Mouse		<a href="#">Q9R144;</a>
<b>Cellular Localization</b>	[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.		
<b>Tissue specificity</b>	Widely expressed. Highly expressed in androgen target organs such as heart, prostate, skeletal muscle, ovary and spinal cord.		
<b>Function</b>	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

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