

A7814

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## [KO Validated] PRMT6 Rabbit pAb

Catalog No.: A7814

**KO** Validated

1 Publications

### Basic Information

#### Observed MW

42kDa

#### Calculated MW

42kDa

#### Category

Polyclonal Antibody

#### Applications

WB, IF/ICC, ELISA

#### Cross-Reactivity

Human, Mouse

### Background

The protein encoded by this gene belongs to the arginine N-methyltransferase family, which catalyze the sequential transfer of methyl group from S-adenosyl-L-methionine to the side chain nitrogens of arginine residues within proteins, to form methylated arginine derivatives and S-adenosyl-L-homocysteine. This protein can catalyze both, the formation of omega-N monomethylarginine and asymmetrical dimethylarginine, with a strong preference for the latter. It specifically mediates the asymmetric dimethylation of Arg2 of histone H3, and the methylated form represents a specific tag for epigenetic transcriptional repression. This protein also forms a complex with, and methylates DNA polymerase beta, resulting in stimulation of polymerase activity by enhancing DNA binding and processivity.

### Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:200

### Immunogen Information

#### Gene ID

55170

#### Swiss Prot

Q96LA8

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-375 of human PRMT6 (NP\_060607.2).

#### Synonyms

HRMT1L6; T6

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

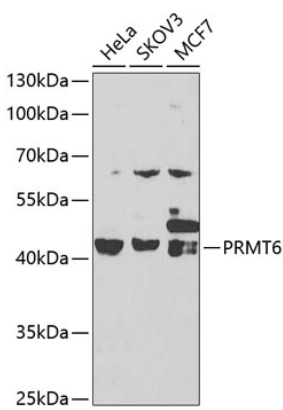
Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using [KO Validated] PRMT6 Rabbit pAb (A7814) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.

Western blot analysis of lysates from wild type (WT) and PRMT6 knockout (KO) 293T cells, using [KO Validated] PRMT6 Rabbit pAb (A7814) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 5s.

