

Recombinant

DGRmAb®

PRMT6 (DGR11846) Rabbit mAb (PBS Only)

db15897-PBS

Package : 100µg

Product Name : PRMT6 (DGR11846) Rabbit mAb (PBS Only)**Cat.No.:** db15897-PBS**Synonyms** : HRMT1L6**Application** : WB**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**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. [provided by RefSeq, Sep 2011]

Immunogen

A synthetic peptide of human PRMT6

Gene ID

55170

Swiss Prot

Q96LA8

Synonyms

HRMT1L6

Reactivity

Human,Mouse,Rat

Application

WB

Calculated MW

42 kDa

Observed MW

42 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR11846

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.