

DiMethyl-DNMT3A-K44 pAb

Catalog No: #29536



Package Size: #29536-1 50ul #29536-2 100ul

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Description

Product Name	DiMethyl-DNMT3A-K44 pAb
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	IF
Species Reactivity	Hu,Ms,Rt
Immunogen Description	A synthetic dimethylated peptide around K44 of mouse DNMT3A (NP_031898.1).
Other Names	Dnmt3a; Mmullia; DNMT3A2; M.HsaIIIA; TBRS; DNA methyltransferase 3A
Accession No.	Swiss-Prot#:O88508NCBI Gene ID:13435
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

Application Details

IF □ 1:50 - 1:200

Background

CpG methylation is an epigenetic modification that is important for embryonic development, imprinting, and X-chromosome inactivation. Studies in mice have demonstrated that DNA methylation is required for mammalian development. This gene encodes a DNA methyltransferase that is thought to function in de novo methylation, rather than maintenance methylation. The protein localizes to the cytoplasm and nucleus and its expression is developmentally regulated.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.