

Mouse Dnmt3L Antibody

Catalog_no :	AB0806
Applications :	WB, IHC-P
Reactivity :	H, M
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	MOUSE:389-421
Specificity :	This Mouse Dnmt3L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 389-421 amino acids from mouse Dnmt3L.
Dilution :	WB,1:1000;WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Other_name :	DNA (cytosine-5)-methyltransferase 3-like, Dnmt3l
Isotype :	Rabbit Ig
Background :	mDnmt3L (DNA methyltransferase 3L) does not appear to be catalytically active due to loss of the critical active site residues. It may function not directly as a DNA methyltransferase but rather as a regulator of methylation at imprinted loci. It is required specifically for the establishment of genomic imprints but is dispensable for their propagation. It is essential for the de novo methylation of single-copy DNA sequences. The protein is well-express in testis, thymus, ovary, and heart. mDnmt3L, which belongs to the 5-cytosine methyltransferase family, contains 1 ADD-type zinc finger.
reference :	Okazaki, Y., et al., Nature 420(6915):563-573 (2002). Bourc'his, D., et al., Science 294(5551):2536-2539 (2001). Aapola, U., et al., Cytogenet. Cell Genet. 92 (1-2), 122-126 (2001).