

Dnmt2 Antibody

Catalog_no :	AB0749
Applications :	WB, IHC-P, FC
Reactivity :	H, M
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN:346-375
Specificity :	This Dnmt2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 346-375 amino acids from human Dnmt2.
Dilution :	WB,1:1000;IHC-P,1:50~100;
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 :	tRNA (cytosine(38)-C(5))-methyltransferase, DNA (cytosine-5)-methyltransferase-like protein 2, Dnmt2, DNA methyltransferase homolog HsaIIP, DNA MTase homolog HsaIIP, MHsaIIP, PuMet, TRDMT1, DNMT2
Isotype :	Rabbit Ig
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 protein with similarity to DNA methyltransferases, but this protein does not display methyltransferase activity. The protein strongly binds DNA, suggesting that it may mark specific sequences in the genome. Alternative splicing results in multiple transcript variants encoding different isoforms.
reference :	Hermann, A., et al., J. Biol. Chem. 278(34):31717-31721 (2003). Franchina, M., et al., Int. J. Biochem. Cell Biol. 33(11):1104-1115 (2001). Dong, A., et al., Nucleic Acids Res. 29(2):439-448 (2001). Yoder, J.A., et al., Hum. Mol. Genet. 7(2):279-284