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Dnmt3b Rabbit mAb Rabbit mAb

货号: **AYM28452**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IF
推荐浓度	WB: 1:500 - 1:2000 IF/ICC: 1:50 - 1:200
理论分子量	77-95kDa
实测分子量	96kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Rat testis
细胞定位	Nucleus
纯化	Affinity purification

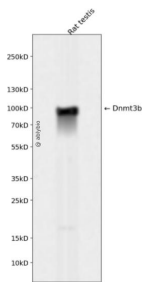
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Dnmt3b.
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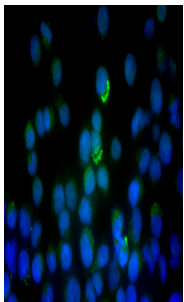
靶点信息

研究背景	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 which is thought to function in de novo methylation, rather than maintenance methylation. The protein localizes primarily to the nucleus and its expression is developmentally regulated. Mutations in this gene cause the immunodeficiency-centromeric instability-facial anomalies (ICF) syndrome. Eight alternatively spliced transcript variants have been described. The full length sequences of variants 4 and 5 have not been determined.
基因ID	1789
基因名	DNMT3B
Swiss	Q9UBC3 (https://www.uniprot.org/uniprotkb/Q9UBC3/entry)
别名	Dnmt3b, Cytosine 5methyltransferase 3B, DNA, DNA (cytosine 5) methyltransferase 3 beta, DNA (cytosine 5)-methyltransferase 3B, DNA (cytosine-5)-methyltransferase 3B, DNA methyltransferase HsaIIIB, DNA Mta se HsaIIIB, DNM3B_HUMAN, EC 2.1.1.37, ICF, ICF1, M.HsaIIIB, MGC124407, RP23-89H14.3, Dnmt3b Rabbit mAb Rabbit mAb

产品验证



Western blot analysis of Dnmt3b expressed in Rat testis using Dnmt3b Rabbit mAb Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunofluorescence analysis of HeLa cells labelling Dnmt3b with . The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200, shown in green) at room temperature for 1h.

实验步骤

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