

产品名称: Dnmt3a Mouse Monoclonal Antibody
产品货号: AMM86091



产品概述 (Summary)

产品名称 (Production Name)	Dnmt3a Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB
种属反应性 (Reactivity)	Human, Mouse, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	Dnmt3a
别名 (Alternative Names)	DNA (cytosine-5)-methyltransferase 3A, Dnmt3a, 2.1.1.37, DNA methyltransferase HsaIIIA, DNA MTase HsaIIIA, M.HsaIIIA, DNMT3A
基因 ID (Gene ID)	1788.0
蛋白 ID (SwissProt ID)	Q9Y6K1. This Dnmt3a antibody is generated from a mouse immunized with a recombinant protein of human Dnmt3a.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:2000-1:4000
蛋白分子量 (Molecular Weight)	101.9kDa

研究背景 (Background)

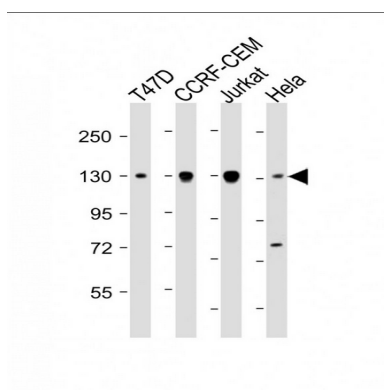
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Required for genome-wide de novo methylation and is essential for the establishment of DNA methylation patterns during development. DNA methylation is coordinated with methylation of histones. It modifies DNA in a non-processive manner and also methylates non-CpG sites. May preferentially methylate DNA linker between 2 nucleosomal cores and is inhibited by histone H1. Plays a role in paternal and maternal imprinting. Required for methylation of most imprinted loci in germ cells. Acts as a transcriptional corepressor for ZBTB18. Recruited to trimethylated 'Lys-36' of histone H3 (H3K36me3) sites. Can actively repress transcription through the recruitment of HDAC activity.

研究领域 (Research Area)

图片 (Image Data)



All lanes : Anti-Dnmt3a Antibody at 1:2000-1:4000 dilution

注意事项 (Note)

For research use only .