

产品名称: MBD3 Rabbit Polyclonal Antibody
产品货号: APRab13684



产品概述 (Summary)

产品名称 (Production Name)	MBD3 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	MBD3
别名 (Alternative Names)	MBD3; Methyl-CpG-binding domain protein 3; Methyl-CpG-binding protein
基因 ID (Gene ID)	MBD3
蛋白 ID (SwissProt ID)	53615.0
	O95983.The antiserum was produced against synthesized peptide derived from human MBD3. AA range:221-270

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
蛋白分子量 (Molecular Weight)	33kDa

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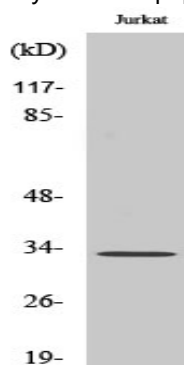
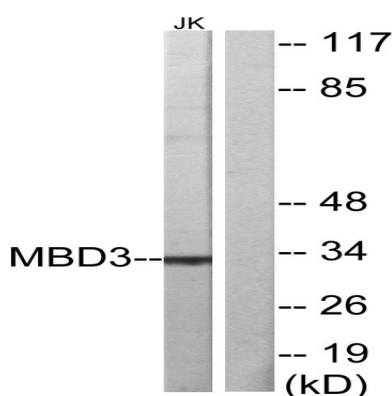
研究背景 (Background)

DNA methylation is the major modification of eukaryotic genomes and plays an essential role in mammalian development. This gene belongs to a family of nuclear proteins which are characterized by the presence of a methyl-CpG binding domain (MBD). The encoded protein is a subunit of the NuRD, a multisubunit complex containing nucleosome remodeling and histone deacetylase activities. Unlike the other family members, the encoded protein is not capable of binding to methylated DNA. The protein mediates the association of metastasis-associated protein 2 with the core histone deacetylase complex. Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, Jul 2013],function:Does not bind DNA by itself. Recruits histone deacetylases and DNA methyltransferases. Acts as transcriptional repressor and plays a role in gene silencing.,similarity:Contains 1 MBD (methyl-CpG-binding) domain.,subcellular location:Nuclear, in discrete foci.,subunit:Heterodimer with MBD2. Part of the NuRD and the MeCP1 complex. Binds HDAC1, MTA2, DNMT1, p66-alpha and p66-beta.,

研究领域 (Research Area)

Epigenetics and Nuclear Signaling

图片 (Image Data)



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注意事项 (Note)

For research use only .