

MBD2 Rabbit mAb

货号: **AYM29924**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF/ICC IP FC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 IP: 1:20 - 1:50 FC: 1:20 - 1:50
理论分子量	31kDa/43kDa
实测分子量	29,43kDa
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	mouse heart,mouse kidney,rat heart
细胞定位	Nucleus
纯化	Affinity purification

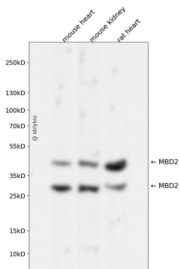
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human MBD2.
序列	DLSSDFRGTGKMMPKSLQKNKQRLRNDPLNQKNGKPDNLNTLPIRQTASIFKQPVTKVTHNPSNKKVSDPQRMNEQPRQLFWEKRLQGLSASDVTEQIIKTMELPKGLQGVGPGSNDLTSVAVASALHTSSAPITGVSAAVEKNPAVWLNTSQPLCKAFIVTDEDIRKQEERVQVRKKLEEALMADILSRAADTEEMDIEMDSGDEA

靶点信息

研究背景	DNA methylation is the major modification of eukaryotic genomes and plays an essential role in mammalian development. Human proteins MECP2, MBD1, MBD2, MBD3, and MBD4 comprise a family of nuclear proteins related by the presence in each of a methyl-CpG binding domain (MBD). Each of these proteins, with the exception of MBD3, is capable of binding specifically to methylated DNA. MECP2, MBD1 and MBD2 can also repress transcription from methylated gene promoters. The protein encoded by this gene may function as a mediator of the biological consequences of the methylation signal. It is also reported that this protein functions as a demethylase to activate transcription, as DNA methylation causes gene silencing. Two transcript variants encoding different isoforms have been found for this gene.
基因ID	8932
基因名	MBD2
Swiss	Q9UBB5
别名	MBD2;DMTase;NY-CO-41

产品验证



Western blot analysis of MBD2 expressed in mouse heart, mouse kidney, rat heart using MBD2 Rabbit m Ab 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

实验步骤

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