

# MECP2 Rabbit pAb

货号: **AYP12372**

## 产品信息

反应	Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Mus musculus , Homo sapiens
应用	<a href="#">WB</a>
推荐浓度	<b>WB:</b> 1:500 - 1:2000
理论分子量	52kDa/53kDa
实测分子量	80kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,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

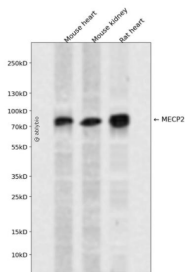
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 187-486 of human MEC P2 (NP_004983.1).
序列	GRGRPKGSGTTRPKAATSEGVQVKRVLEKSPGKLLVKMPFQTSPGGKAEGGGATTSTQVMVIKRPGRKRKAEADPQAIP KKRGRKPGSVVAAAAAEAKKKAVKESSIRSVQETVLPKRRKTRETVSIEVKEVKPLLSTLGEKSGKGLKTCKSPGRKSK ESSPKGRSSSASSPPKKEHHHHHHHSESPKAPVLLPPLPPPPPEPESSEDPTSPPEPQDLSSSVCKEEKMPRGGSLSDG CPKEPAKTQPAVATAATAAEKYKHRGEGERKDIVSSSMRPNREEPVDSRTPVTERVS

## 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. In contrast to other MBD family members, MECP2 is X-linked and subject to X inactivation. MECP2 is dispensible in stem cells, but is essential for embryonic development. MECP2 gene mutations are the cause of most cases of Rett syndrome, a progressive neurologic developmental disorder and one of the most common causes of mental retardation in females. Alternative splicing results in multiple transcript variants encoding different isoforms.
基因ID	4204
基因名	MECP2
Swiss	P51608
别名	MECP2;AUTSX3;MRX16;MRX79;MRXS13;MRXSL;PPMX;RS;RTS;RTT

## 产品验证



Western blot analysis of MECP2 expressed in Mouse heart, Mouse kidney, Rat heart using MECP2 Rabbit pAb 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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