

# MCM3 Rabbit mAb

货号: **AYM29434**

## 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 FC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200 <b>FC:</b> 1:20 - 1:50
理论分子量	90kDa/95kDa
实测分子量	100kDa
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	HeLa,293T,PC-12,NIH/3T3,COS-1,COS-7
细胞定位	Nucleus
纯化	Affinity purification

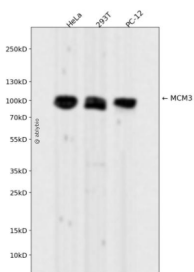
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human MCM3.
序列	MAGTVVLDDELREAQRDYLDLDFLDEEDQGIYQSKVRELISDNQYRLIVNVNDLRRKNEKRANRLLNNAFEELVAFQRALKDFVASIDATYAKQYEEFYVGLGSGFKHVSPTLTSCFLSCVVCVEGIVTKCSLVRPKVVRVSVHYCPATKKTERRYSDLTTLVAFPSVVYPTKDEENPLETEYGLSVYKDHQTITIQEMPEKAPAGQLPRSDVILDDDLVDKAKPGDRVQVVGTYRCLPGKKGGYTSGETFRTVLIACNVKQMSKDAQPSFSAEDIAKIKKFSKTRSKDI

## 靶点信息

研究背景	The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are involved in the initiation of eukaryotic genome replication. The hexameric protein complex formed by MCM proteins is a key component of the pre-replication complex (pre_RC) and may be involved in the formation of replication forks and in the recruitment of other DNA replication related proteins. This protein is a subunit of the protein complex that consists of MCM2-7. It has been shown to interact directly with MCM5/CDC46. This protein also interacts with and is acetylated by MCM3AP, a chromatin-associated acetyltransferase. The acetylation of this protein inhibits the initiation of DNA replication and cell cycle progression. Two transcript variants encoding different isoforms have been found for this gene.
基因ID	4172
基因名	MCM3
Swiss	P25205
别名	MCM3;HCC5;P1-MCM3;P1.h;RLF8

## 产品验证



Western blot analysis of MCM3 expressed in HeLa,293T,PC-12 using MCM3 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.

## 实验步骤

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