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# MCM7 Rabbit mAb

货号: **AYM29435**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IP FC ICC/IF
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>IP:</b> 1:20 - 1:50 <b>FC:</b> 1:20 - 1:50
理论分子量	44kDa/60kDa/81kDa
实测分子量	81kDa
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,HepG2,NIH/3T3,U-87MG
细胞定位	Nucleus
纯化	Affinity purification

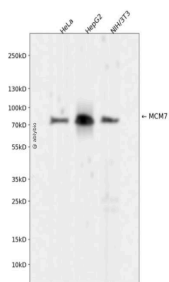
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human MCM7.
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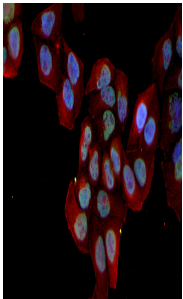
## 靶点信息

研究背景	The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are essential for the initiation of eukaryotic genome replication. The hexameric protein complex formed by the 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. The MCM complex consisting of this protein and MCM2, 4 and 6 proteins possesses DNA helicase activity, and may act as a DNA unwinding enzyme. Cyclin D1-dependent kinase, CDK4, is found to associate with this protein, and may regulate the binding of this protein with the tumorsuppressor protein RB1/RB. Alternatively spliced transcript variants encoding distinct isoforms have been reported.
基因ID	4176
基因名	MCM7
Swiss	P33993 ( <a href="https://www.uniprot.org/uniprotkb/P33993/entry">https://www.uniprot.org/uniprotkb/P33993/entry</a> )
别名	MCM7,MCM7 Rabbit mAb,CDC47 homolog,P1.1-MCM3,CDC47,MCM2

## 产品验证



Western blot analysis of MCM7 expressed in HeLa,HepG2,NIH/3T3 using MCM7 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.



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 4 5 minutes at 25°C. Samples were then incubated with primary Ab MCM7 and Rabbit actin for 1 hour at 3 7°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat. The nuclear counter stain is DAPI.

## 实验步骤

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