

MCM10 Rabbit pAb

货号: **AYP16435**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:100 - 1:500
理论分子量	98kDa
实测分子量	110KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Jurkat
细胞定位	Nucleus
纯化	Affinity purification

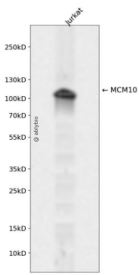
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 676-875 of human MCM 10 (NP_877428.1).
序列	TNPNSIKKKQKDPQDILEVKERVEKNTMFSSQAEDLEPARKKRREQLAYLESEEFQKILKAKSKHTGILKEAEAEMQERYFE PLVKKEQMEEKMRNIREVKCRVVTCKTCAYTHFKLLETQVSEQHEYHWHDGVKRRFFKPCGNRSISLDRLPNKHCSNCGL YKWERDGMMLKEKTGPKIGGETLLPRGEEHAKFLNSLK

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 it may be involved in the formation of replication forks and in the recruitment of other DNA replication related proteins. This protein can interact with MCM2 and MCM6, as well as with the origin recognition protein ORC2. It is regulated by proteolysis and phosphorylation in a cell cycle-dependent manner. Studies of a similar protein in <i>Xenopus</i> suggest that the chromatin binding of this protein at the onset of DNA replication is after pre-RC assembly and before origin unwinding. Alternatively spliced transcript variants encoding distinct isoforms have been identified.
基因ID	55388
基因名	MCM10
Swiss	Q7L590
别名	MCM10;CNA43;DNA43;PRO2249

产品验证



Western blot analysis of MCM10 expressed in Jurkat using MCM10 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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