

微小染色体维持缺陷蛋白结合蛋白抗体

产品货号： mlR18727

英文名称： MCM-BP

中文名称： 微小染色体维持缺陷蛋白结合蛋白抗体

别名： C10orf119 ; chromosome 10 open reading frame 119 ; MCM-binding protein ; MCM-BP ; mcmbp ; MCMBP_HUMAN ; Mini-chromosome maintenance complex-binding protein ; Minichromosome maintenance complex binding protein.

研究领域： 细胞生物 信号转导 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse, Rabbit,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 73kDa

细胞定位： 细胞核

性状： Lyophilized or Liquid

浓度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human MCM-BP:551-642/642

亚 型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed： PubMed

产品介绍： This gene encodes a protein which is a component of the hexameric minichromosome maintenance (MCM) complex which regulates initiation and elongation of DNA. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]

Function:

Associated component of the MCM complex that acts as a regulator of DNA replication. Binds to the MCM complex during late S phase and promotes the disassembly of the MCM complex from chromatin, thereby acting as a key regulator of pre-replication complex (pre-RC) unloading from replicated DNA. Can dissociate the MCM complex without addition of ATP; probably acts by destabilizing interactions of each individual subunits of the MCM complex. Required for sister chromatid cohesion.

Subunit:

Interacts with the MCM complex: associates with the MCM3-7 complex which lacks MCM2, while it does not interact with the MCM complex when MCM2 is present (MCM2-7 complex). Interacts with the RPA complex, when composed of all RPA1, RPA2 and RPA3 components, but not with RPA1 or RPA2 alone.

Subcellular Location:

Nucleus. Note: Associates with chromatin. Highly associated with chromatin in G1/S and S phases, reduced binding to chromatin in G2, and further decreased binding in early M phase. It then reassociates with chromatin in late M phase. Dissociates from chromatin later than component of the MCM complex.

Similarity:

Belongs to the MCMBP family.

SWISS:

Q9BTE3

Gene ID:

79892

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.