

DNAxPAb

Hard-to-Find
Antibody

MCM6 DNAxPab

Catalog # H00004175-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human MCM6 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MDLAAAEPGAGSQHLEVRDEVAEKCQKFLDFLEEFQSSDGEIKYLQLAEELIRPERNTLVVSFVDLEQFNQQLSTTIQEEFYRVYPYLCRALKTFVKDRKEIPLAKDFYVAFQDLPTRHKIRELTSSRIGL LTRISGQVVRTHPVHPELVSGTFLCLDCQTVRDVEQQFKYTQPNICRNPVCANRRRFLDNTKSR FVDFQKVRIQETQAELPRGSIPRSLEVILRAEAVESAQAGDKCDFGTGLVVPDVSKLSTPGARAE TNSRVSGVDGYETEGIRGLRALGVRDLSYRLVFLACCVAPTNPFRGGKELRDEEQTAESIKNQMT VKEWEKVFEMSQDKNLYHNLCTSLFPTIHGNDEVKRGVLLMLFGGVPKTTGEGTSLRGDINVCV GDPSTAKSQFLKHVEEFSPRAVYTSKGASSAAGLTAAVVRDEESHEFVIEAGALMLADNGVCCI DEFDMQDVRDQVAIHEAMEQQTISITKAGVKATLNARTSILAAANPISGHYDRSKSLKQINLSAPIM SRFDLFFILVDECNEVTDYAIARRMDLHSRIEESIDRVYSLDDIRRYLLFARQFKPKISKESEDFMEQ YKHLRQRDGSQVTKSSWRITVRQLESMIRLSEAMARMHCCDEVQPKHVKEAFRLNKSIIIRVETP DVNLDQEEIIQMEVDEGAGGINGHADSPAPVNGINGYNEDINQESAPKASRLGFSEYCRISNLVL HLRKVEEEEDSALKRSELVNWYLKEIESEIDSEEELINKKRIEKVIHRLTHYDHVLIETQAGLKGS TEGSESYEEDPYLVVNPNYLLED

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — MCM6

Entrez GeneID [4175](#)

GeneBank Accession# [NM_005915.4](#)

Protein Accession# [NP_005906.2](#)

Gene Name MCM6

Gene Alias MCG40308, Mis5, P105MCM

Gene Description minichromosome maintenance complex component 6

Omim ID [223100 601806](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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 7 proteins possesses DNA helicase activity, and may act as a DNA unwinding enzyme. The phosphorylation of the complex by CDC2 kinase reduces the helicase activity, suggesting a role in the regulation of DNA replication. [provided by RefSeq]

Other Designations

DNA replication licensing factor MCM6|MCM6 minichromosome maintenance deficient 6 (MIS5 homolog, S. pombe)|MIS5 homolog|minichromosome maintenance deficient (mis5, S. pombe) 6|minichromosome maintenance deficient 6 homolog

Pathway

- [Cell cycle](#)
- [DNA replication](#)

Disease

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Neoplasms](#)
- [Lactose Intolerance](#)
- [Ovarian Neoplasms](#)