

DNAxPAb

Hard-to-Find
Antibody

MCM3 DNAxPab

Catalog # H00004172-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human MCM3 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MAGTVLDDVELREAQRDYLDFLDDEEDQGGYQSKVRELISDNQYRLMNVNDLRRKNEKRANRLNNAFEELVAFQRALKDFVASIDATYAKQYEEFYVGLEGSFGSKHVSPRTLSCFLSCVVCVEGIVTKCSLVRPKVVRSVHYCPATKKTIERRYSDLTTLVAFPSSSVYPTKDEENNPLETEYGLSVYKDHQTTIQEMPEKAPAGQLPRSDVILDDDLVDKAKPGDRVQVVGTYRCLPGKKGGYTSGETFRTVLIACNVKQMSKDAQPSFSAEDIAKIKKFSKTRSKDIFDQLAKSLAPSIHGHDYVKKAILCLLLGGVERDLENGSHIRGDINILLIGDPSVAKSQLRLRYLCTAPRAIPTTGRGSSGVGLTAAVTDDQETGERRLEAGAMVLADRGVVCIDFDMKSDMDRTAIHEVMEQGRVTIAKAGIHARLNARCSVLAAANPVYGRYDQYKTPMENIGLQDSLLSRFDLLFIMLDQMDPEQDREISDHVLRMHRYRAPGEQDGDAMPLGSAVDILATDDPNFSQEDQQDTQYKHDNLLHGTHKKKKEKMSVSAAFMKKYIHVAKIIPVLTQESATYIAEEYSRLRSQDSMSSDTARTSPVTARTLETIRLATAHAKARMSKTVDLQDAEEAVELVQYAYFKKVLEKEKKRKKRSEDESETEDEEEKSQEDQEQRKRKRKTRQPDAGDGSYDPYDFSDTEEMPQVHTPKTADSQETKESQKVELSESRLKAFKVALLDVFREAHQAQSIGMNRLTESINRDSEEPFSSVEIQALSKMQDDNQVMVSEGIIFLI

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 — MCM3

Entrez GeneID [4172](#)

GeneBank Accession# [DQ895840.2](#)

Protein Accession# [ABM86766.1](#)

Gene Name MCM3

Gene Alias HCC5, MGC1157, P1-MCM3, P1.h, RLFB

Gene Description minichromosome maintenance complex component 3

Omim ID [602693](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 thus acetylated by MCM3AP, a chromatin-associated acetyltransferase. The acetylation of this protein inhibits the initiation of DNA replication and cell cycle progression. [provided by RefSeq]

Other Designations DNA polymerase alpha holoenzyme-associated protein P1|DNA replication factor MCM3|MCM3 minichromosome maintenance deficient 3|OTTHUMP00000016600|cervical cancer proto-oncogene 5|hRlf beta subunit|minichromosome maintenance deficient 3|replication licensin

Pathway

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