

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	MAGTVVLDVELREAQRDYLDLDEEDQGIYQSKVRELISDNQYRLIVNVNDLRRKNEKRANRLL NNAFEELVAFQRALKDFVASIDATYAKQYEEFYVLEGSGFSKHVSPTLTSCFLSCVVCVEGIVT KCSLVRPKVVRSVHYCPATKKTIERRYSLTLVAFPSSVYPTKDEENNPLETEYGLSVYKDHQIT ITIQEMPEKAPAGQLPRSVDVILDDLVDKAKPGDRVQVVGTYRCLPGKKGGYTSGTFRTVLIACN VKQMSKDAQPSFSAEDIAKIKKFSKTRSVDIQLAKSLAPSIHGHDYVKKAILCLLGGVERDLEN GSHIRGDINILLIGDPSVAKSQLRYVLCTAPRAIPTTGRGSSGVGLAAVTTDQETGERRLEAGAM VLADRGVVCIDEFDKMSMDRTAIHEVMEQGRVTIAKAGIHARLNARCSVLAANPVYGRYDQYK TPMENIGLQDSLLSRFDLLFIMLDQMDPEQDREISDHVRMHRYRAPGEQDGDAMPLGSAVDILA TDDPNFSQEDQQDTQIYEKHDNLHGTTKKKEKMVSAAFMKKYIHVAKIIKPVLTQESATYIAEEYS RLRSQDSMSSDTARTSPVTARTLETIIRLATAHAKARMSKTVDLQDAEEAELVQYAYFKVLEK EKKRKKRSEDESETEDEEEKSQEDQEQRKRRKTRQPDAKDGDSYDPYDFSDTEEEEMPQVHT PKTADSQETKESQKVELSESRLKAFKVALDVFREAHQAQSIGMNRITESINRDSEEPFSSVEIQA ALSKMQDDNQVMVSEGIIFLI
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 GenelD	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 thus is 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 hRif beta subunit minichromosome maintenance deficient 3 replication licensin

Pathway

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