

DNAxPAb

Hard-to-Find
Antibody

MCM10 DNAxPab

Catalog # H00055388-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MCM10 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MDEEEDNLSLLTALLEENESALDCNSEENNFLTRENGEPDAFDELFDADGDGESYTEEADDGET GETRDEKENLATLFGDMEDLTDEEEVPASQSTENRVLPAPAPRREKTNEELQEELRNLQEQMK ALQEQLKVTTIKQTASPARLQKSPEKSPRPPLKERRVQRIQESTCFS AELDVPALPRTKRVARTP KASPPDPKSSSSSRMTSAPSQPLQTISRNP SGITRGQIVGTPGSSGETTQPICVEAFSGLRLRRPR VSSTEMNKKMTGRKLIRLSQIKEKMAREKLEEIDWVTFGVILKKVTPQSVNSGKTF SMWKLNDLRD LTQCVSLFLFGEVHKALWKTEQGTVV GILNANPMKPKDGSEEVCLSIDHPQKVLIMGEALDLGTC KAKKKNGEPCTQTVNLRDCEYCQYHVQAQYKKLSAKRADLQSTFSGGRIPKKFARRGTS LKERL CQDGFYGGVSSASYAASIAAAVAPKKKIQTTL SNLVVKG TNLIQETRQKL GIPQKSLSCSEEFKE LMDLPTCGARNLKQHLAKATASGIMGSPKPAKSISASALLKQQKQRMLEMRRRKSEEIQRFLQS SSEVESPAVPSSSRQPPAQP PRTGSEFPRLEGAPATMTPKLGRGVLEGDDVLFYDESPPPRPK LSALAEAKKLAATKLRAGQVLT KTNPN SIKKKQKDPQDILEVKERVEKNTMFSSQA EDELEPAR KKRREQLAYLESEEFQKILKAKSKHTGILKEAEAEMQERYFEPLVKKEQMEEKMRNIREVKCRVV TCKTCAYTHFKLLETVCVSEQHEYHWHDGVKRFFKCP CGNRSISLDRLPNKHCSNCGLYKWERDG MLKEKTGPKIGGETLLPRGEEHAKFLNSLK
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 — MCM10

Entrez GeneID [55388](#)

GeneBank Accession# [NM_018518.3](#)

Protein Accession# [NP_060988.3](#)

Gene Name MCM10

Gene Alias CNA43, DNA43, MGC126776, PRO2249

Gene Description minichromosome maintenance complex component 10

Omim ID [609357](#)

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 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 *Xenopus* 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. [provided by RefSeq]

Other Designations MCM10 minichromosome maintenance deficient 10|OTTHUMP00000019133|homolog of yeast MCM10

Disease

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