

DNAXPAb

Hard-to-Find
Antibody

MCM5 DNAXPab

Catalog # H00004174-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human MCM5 DNA using DNAX™ Immune technology.

Technology [DNAX™ Immune](#)

Immunogen Full-length human DNA

Sequence MSGFDDPGIFYSDSFGGDAQADEGQARKSQLQRRFKEFLRQYRVGTDRTGFTFKYRDELKRHYN
LGEYWIEVEMEDLASFDEDLADLYLKQPAEHLQLLEAAKEVADEVTRPRPSGEEVLQDIQVMLK
SDASPSSIRSLKSDMMSHLVKIPGIIAASAVRAKATRISIQCRSCRNTLTNIAMRPGLEGYALPRKCN
TDQAGRPKCPLDPYFIMPDKCKCVDFQTLKLQELPDVPHGEMPRHMQLYCDRYLCDKVVPGN
RVTIMGIYSIKKFGLTTSRGRDRVGVGIRSSYIRVLGIQVDTDGSGRSFAGAVSPQEEEEFRRLAAL
PNVYEVISKSIAPSFGGTDMKKAIACLLFGGSRKRLPDGLTRRGDINLLMLGDPGTAKSQLLKFVE
KCSPIGVYTSGKGSSAAGLTASVMRDPSSRNFIEMEGGAMVLADGGVVCIDEFDKMREDDRVAIH
EAMEQQTISIAKAGITTTLSRCSVLAAANSVFGRWDETKGEDNIDFMPTILSRFDMIFVKDEHNEE
RDVMLAKHVITLHVSALTQTQAVEGEIDLAKLKKFIAYCRVKCGPRLSAEAAEKLKNRYIIMRSGAR
QHERDSRRSSIPITVRQLEAVRIAEALSKMKLQPFATEADVEEALRLFQVSTLDAALSGTL SGVE
GFTSQEDQEMLSRIEKQLKRRFAIGSQVSEHSIIKDFTKQKYPEHAHVKVLQLMLRRGEIQHRMQRK
VLYRLK

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 — MCM5

Entrez GeneID [4174](#)

GeneBank Accession# [NM_006739.2](#)

Protein Accession# [NP_006730.2](#)

Gene Name MCM5

Gene Alias CDC46, MGC5315, P1-CDC46

Gene Description minichromosome maintenance complex component 5

Omim ID [602696](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is structurally very similar to the CDC46 protein from *S. cerevisiae*, a protein involved in the initiation of DNA replication. The encoded protein is a member of the MCM family of chromatin-binding proteins and can interact with at least two other members of this family. The encoded protein is upregulated in the transition from the G0 to G1/S phase of the cell cycle and may actively participate in cell cycle regulation. [provided by RefSeq]

Other Designations DNA replication licensing factor|MCM5 minichromosome maintenance deficient 5, cell division cycle 46|minichromosome maintenance deficient 5 (cell division cycle 46)

Pathway

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

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)