

MCM3 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP05276

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from the Internal region of human MCM3.

AA range:641-690

Mol wt 88880

Species reactivity Human

Clonality Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name MCM3 Antibody

Synonyms MCM3; DNA replication licensing factor MCM3; DNA polymerase alpha holoenzyme-associated protein

P1; P1-MCM3; RLF subunit beta; p102

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Minichromosome maintenance complex component 3 encoded by MCM3 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 acetylated by MCM3AP, a chromatin-associated acetyltransferase. The acetylation of this protein inhibits the initiation of DNA replication and cell cycle progression. Two transcript variants encoding different isoforms have been found for this gene.

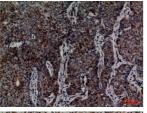
Recommended Dilution

WB: 1: 500 - 1: 2000 IHC-p: 1: 100 - 300 ELISA: 1: 20000

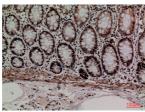
Not yet tested in other applications.

Images

Western Blot analysis of K562 cells using MCM3 Polyclonal Antibody. Secondary antibody was diluted at 1:20000



 $Immun ohistochemical \ analysis \ of paraffin-embedded \ human-breast-cancer, \ antibody \ was \ diluted \ at 1:100$



 $Immun ohistochemical\ analysis\ of\ paraffin-embedded\ human-colon,\ antibody\ was\ diluted\ at\ 1:100$



 $Immun ohistochemical\ analysis\ of\ paraffin-embedded\ human-colon,\ antibody\ was\ diluted\ at\ 1:100$

Storage

-20°C for one year

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