# MCM3 Polyclonal Antibody

**Catalog Number:E-AB-10453**

***Note:*** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

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|---|---|
| **Reactivity** | Human,Mouse |
| **Immunogen** | Recombinant protein of human MCM3 |
| **Host** | Rabbit |
| **Isotype** | IgG |
| **Purification** | Affinity purification |
| **Conjugation** | Unconjugated |
| **Formulation** | PBS with 0.05% sodium azide and 50% glycerol, PH7.4 |

## Applications — Recommended Dilution

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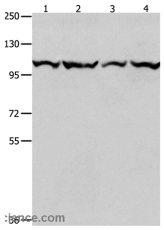
|---|---|
| **WB** | 1:500-1:2000 |

## Data




Western Blot analysis of K562, Jurkat, hela and 293T cell using MCM3 Polyclonal Antibody at dilution of 1:550

**Calculated Mw:91kDa**

## Preparation & Storage

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|---|---|
| **Storage** | Store at -20℃. Avoid freeze / thaw cycles. |

## Background

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 witHuman, MouseCM5/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.