

RK05666

Leader in Biomolecular Solutions for Life Science



[One Step] MCM3 Antibody Kit

Catalog No.: RK05666

Basic Information

Applications

Cross-Reactivity

Human, Mouse, Rat

Observed MW

105kDa

Calculated MW

91kDa

Category

Antibody kit

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 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. Several transcript variants encoding different isoforms have been found for this gene.

Product Information

Source

Rabbit

Purification

Storage

Avoid repeated freeze-thaw cycles.

Contact



www.abclonal.com

Component & Recommended Dilutions

Catalog No.	Product Name	Dilutions
RK05666-1	MCM3 Rabbit pAb	91kDa
RK05666-2	HRP-conjugated Goat anti-Rabbit IgG (H+L)	105kDa

Immunogen Information

Gene ID

4172

Swiss Prot

P25205

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-295 of human MCM3 (NP_002379.2).

Synonyms

HCC5; P1.h; RLFb; P1-MCM3; MCM3