

## MCM3(Phospho-Ser112) Rabbit Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP11268
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized phospho peptide around human MCM3 (Ser112)
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Rat, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	MCM3
<b>Synonyms</b>	MCM3 ;Ser112 ; DNA replication licensing factor MCM3; EC 3.6.4.12; 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

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

### Recommended Dilution

WB: 1: 1000 - 1: 2000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year

501 Changsheng S Rd, Nanhui Dist, Jiading, Zhejiang, China

Tel: 86 21 31007137 | E-mail: [save@bt-laboratory.com](mailto:save@bt-laboratory.com) | [www.bt-laboratory.com](http://www.bt-laboratory.com)