## **Elabscience**®

### MCM3 Polyclonal Antibody

### catalog number: E-AB-14214

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

Description	
Reactivity	Human;Mouse
Immunogen	Recombinant protein of human MCM3
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.
Applications	Recommended Dilution

<b>FF Constant</b>	
WB	1:500-1:2000
IHC	1:50-1:200

#### Data





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

Immunohistochemistry of paraffin-embedded Human liver cancer using MCM3 Polyclonal Antibody at dilution of 1:30

# Calculated-MW:91 kDa

Immunohistochemistry of paraffin-embedded Human ovarian

cancer using MCM3 Polyclonal Antibody at dilution of 1:30

### **Preparation & Storage**

Storage Shipping Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

### Background

### For Research Use Only

Toll-free: 1-888-852-8623 Web:<u>w w w .elabscience.com</u>

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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.

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