

## MCM3 (Phospho Ser112) Rabbit pAb

CatalogNo: YP1398

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, ELISA, IHC

#### MW

- 89kD (Observed)

#### Isotype

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:500-2000**

**IHC 1:50-300**

**ELISA 1:2000-20000**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized phospho peptide around human MCM3 (Ser112)

**Specificity** This antibody detects endogenous levels of Human MCM3 (phospho-Ser112)

### Target Information

**Gene name** MCM3

**Protein Name** MCM3 (Ser112)

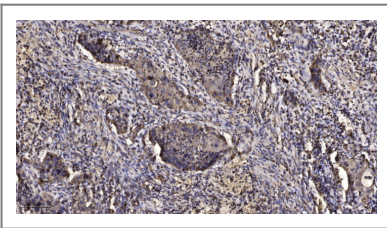
Organism	Gene ID	UniProt ID
Human	<a href="#">4172</a> ;	<a href="#">P25205</a> ;
Mouse	<a href="#">17215</a> ;	<a href="#">P25206</a> ;

**Cellular Localization** Nucleus . Chromosome . Associated with chromatin before the formation of nuclei and detaches from it as DNA replication progresses. .

**Tissue specificity** Cervix ,Coronary artery ,Epithelium ,Lymph ,Osteosarcoma ,Pancre

**Function** Function:Acts as a factor that allows the DNA to undergo a single round of replication per cell cycle. Required for DNA replication and cell proliferation. ,miscellaneous:Associated with the replication-specific DNA polymerase alpha. ,PTM:Phosphorylated upon DNA damage , probably by ATM or ATR. ,similarity:Belongs to the MCM family. ,similarity:Contains 1 MCM domain. ,

## Validation Data



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200 (4°C overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 45min).

## Contact information

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**MCM3 (Phospho Ser112) Rabbit pAb**

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