

## MCM4 (Phospho Ser54) Rabbit pAb

CatalogNo: YP0354 **Orthogonal Validated** 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Monkey

#### Applications

- WB, IHC, IF, ELISA

#### MW

- 85kD (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 1:500-1:2000****IHC 1:100-1:300****ELISA 1:20000****IF 1:50-200**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from human MCM4 around the phosphorylation site of Ser54. AA range:20-69

## Specificity

Phospho-MCM4 (S54) Polyclonal Antibody detects endogenous levels of MCM4 protein only when phosphorylated at S54. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):PTsPG

## Target Information

**Gene name** MCM4

**Protein Name** DNA replication licensing factor MCM4

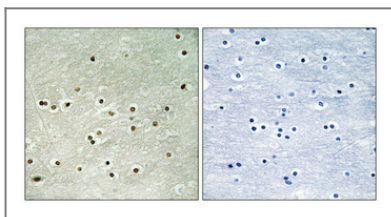
Organism	Gene ID	UniProt ID
Human	<a href="#">4173</a> ;	<a href="#">P33991</a> ;
Mouse	<a href="#">17217</a> ;	<a href="#">P49717</a> ;

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

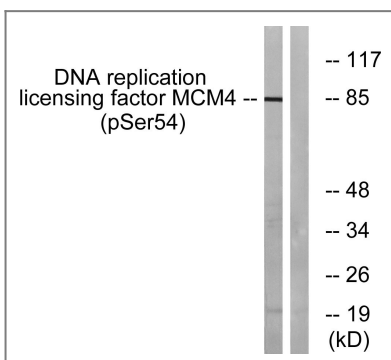
**Tissue specificity** Cervix,Epithelium,Testis,

**Function** Function:Involved in the control of DNA replication.,similarity:Belongs to the MCM family.,similarity:Contains 1 MCM domain.,

## Validation Data



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4°C overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



Western blot analysis of lysates from COS7 cells treated with nocodazole 1ug/ml 16h, using MCM4 (Phospho-Ser54) Antibody. The lane on the right is blocked with the phospho peptide.

## | Contact information

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**MCM4 (Phospho Ser54) Rabbit pAb**

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