

## RPA32/RPA2 (Phospho Ser8) Rabbit pAb

CatalogNo: YP1470

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 32kD (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 1:1000-2000**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized phospho peptide around human RPA32 and RPA2 (Ser8)

**Specificity** This antibody detects endogenous levels of Human RPA32 or RPA2 (phospho-Ser8)

### Target Information

**Gene name** RPA2 REPA2 RPA32 RPA34

**Protein Name**

RPA32/RPA2 (Ser8)

Organism	Gene ID	UniProt ID
Human	<a href="#">6118;</a>	<a href="#">P15927;</a>
Mouse		<a href="#">Q62193;</a>
Rat	<a href="#">59102;</a>	<a href="#">Q63528;</a>

**Cellular Localization**

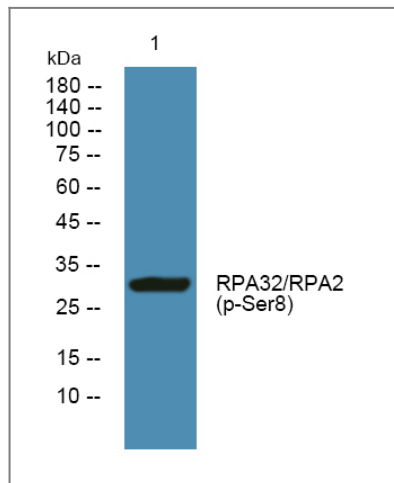
Nucleus . Nucleus, PML body . Redistributes to discrete nuclear foci upon DNA damage in an ATR-dependent manner. .

**Tissue specificity** Kidney,Lung,Muscle,

**Function**

Function:Required for DNA recombination, repair and replication. The activity of RP-A is mediated by single-stranded DNA binding and protein interactions.,PTM:Phosphorylated in a cell-cycle-dependent manner (from the S phase until mitosis). Phosphorylated by ATR upon DNA damage, which promotes its translocation to nuclear foci. Can be phosphorylated in vitro by PRKDC/DNA-PK in the presence of Ku and DNA, and by CDC2.,subcellular location:Also present in PML nuclear bodies. Redistributes to discrete nuclear foci upon DNA damage.,subunit:Heterotrimer of 70, 32 and 14 kDa chains. The DNA-binding activity may reside exclusively on the 70 kDa subunit. Binds to SERTAD3/RBT1. Interacts with TIPIN.,

## Validation Data



Western blot analysis of lysates from Jurkat cells, primary antibody was diluted at 1:1000, 4°C over night

## Contact information

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Please scan the QR code to access additional product information:  
**RPA32/RPA2  
(Phospho Ser8)  
Rabbit pAb**

