

# Phospho-Histone H2A-S129 Rabbit pAb

Catalog No.: AP1063

## Basic Information

### Observed MW

**Calculated MW**  
14kDa

### Category

Primary antibody

### Applications

ELISA, IHC-P

### Cross-Reactivity

Human, Rat

## Background

Predicted to enable DNA binding activity. Involved in DNA repair; negative regulation of transcription by RNA polymerase II; and transfer RNA gene-mediated silencing. Part of replication fork protection complex. Orthologous to several human genes including H2AX (H2A.X variant histone).

## Recommended Dilutions

IHC-P 1:50 - 1:200

## Immunogen Information

### Gene ID

851811

### Swiss Prot

P04911

### Immunogen

A synthetic phosphorylated peptide around S129 of saccharomyces cerevisiae Histone H2A (NP\_010511.3?).

### Synonyms

H2A1; SPT11; Phospho-Histone H2A-S129

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

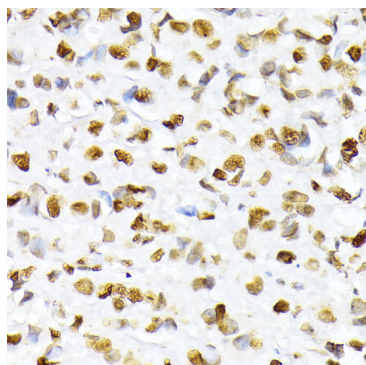
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

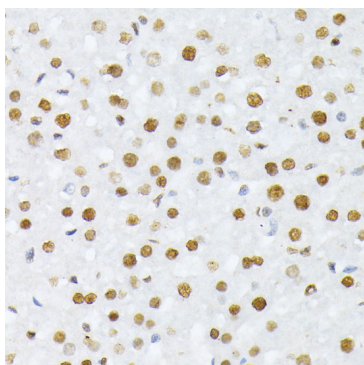
Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Immunohistochemistry analysis of Phospho-Histone H2A-S129 in paraffin-embedded human breast cancer using Phospho-Histone H2A-S129 Rabbit pAb (AP1063) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of Phospho-Histone H2A-S129 in paraffin-embedded rat liver using Phospho-Histone H2A-S129 Rabbit pAb (AP1063) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.