

Phospho-Histone H2A-S129 Rabbit pAb

Catalog No.: AP1063

Basic Information

Observed MW

Calculated MW

14kDa

Category

Primary antibody

Applications

IHC-P,ELISA

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

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

851811

Swiss Prot

P04911

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

H2A1; SPT11; Phospho-Histone H2A-S129

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

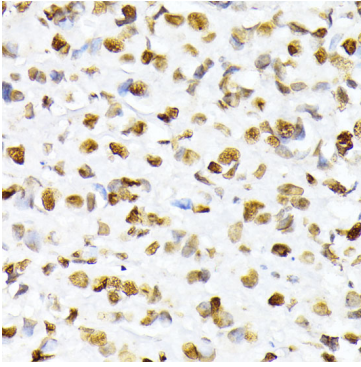
Affinity purification

Storage

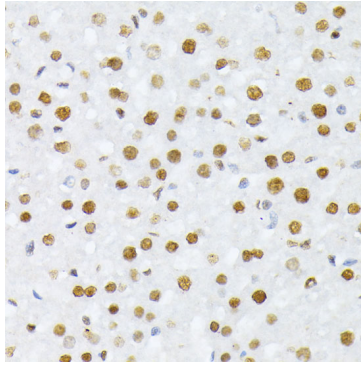
Store at -20°C. Avoid freeze / thaw cycles.

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

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Phospho-Histone H2A-S129 Rabbit pAb (AP1063) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat liver using Phospho-Histone H2A-S129 Rabbit pAb (AP1063) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.