

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

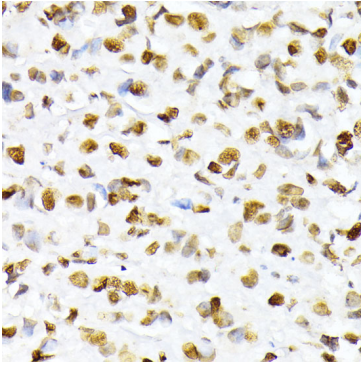
Affinity purification

Storage

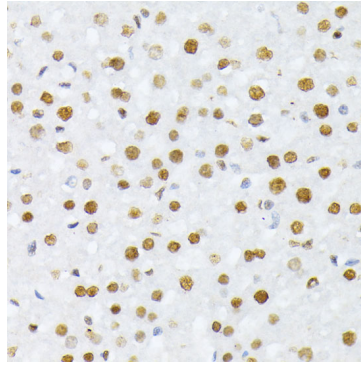
Store at -20°C. Avoid freeze / thaw cycles.

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

Validation Data



Immunohistochemistry analysis of 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 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.