Phospho-Histone H2A-S129 Rabbit pAb

Catalog NO.: AP1063

Basic Information

Observed MW

Calculated MW
14kDa

Category
Phosphorylated Antibodies

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

Product Information

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www.abclonal.com

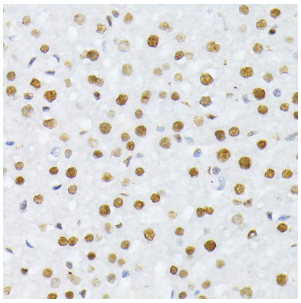
Source
Rabbit

Isotype
IgG

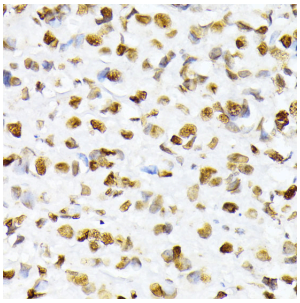
Purification
Affinity purification

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 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.



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.

For research use only. Not for therapeutic or diagnostic purposes.

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