

AP1063

Leader in Biomolecular Solutions for Life Science



Phospho-Histone H2A-S129 Rabbit pAb

Catalog No.: AP1063

Basic Information

Observed MW

Calculated MW
14kDa

Category

Polyclonal 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

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



www.abclonal.com

Product Information

Source
Rabbit

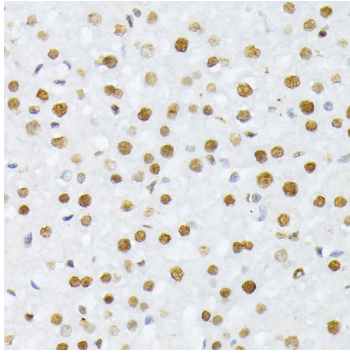
Isotype
IgG

Purification
Affinity purification

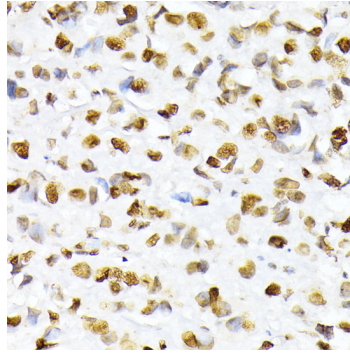
Storage

Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



Immunohistochemistry analysis of 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.



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.