

Phospho-Histone H2A.X (S139) Antibody

Catalog No: T56572

Reactivity: Human Mouse Rat

IsoType: Rabbit IgG

Applications: WB IHC ICC/IF IP



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400-6123-828

Information

UniProt ID: P16104

All Names: H2A.X; H2AFX; H2a/x; HIST5-2AX; Histone H2A.X;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

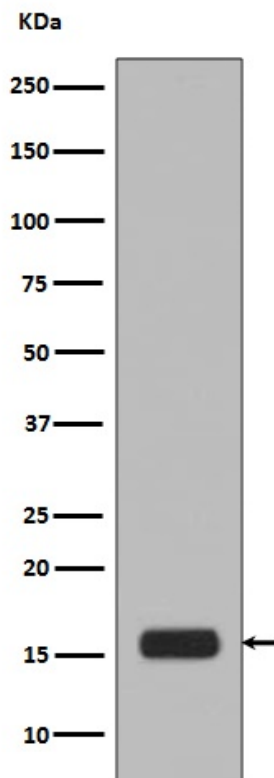
Molecular Wt.: 15kDa

Application

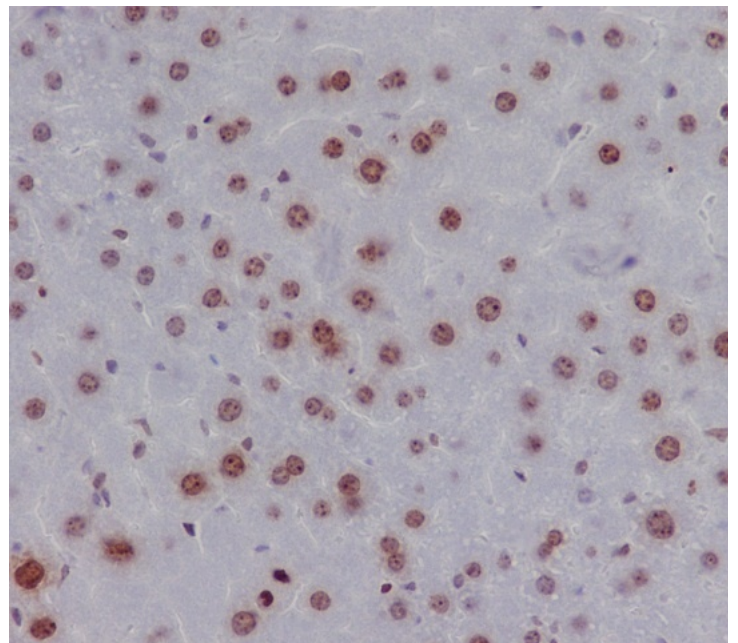
WB 1:5000~1:10000 IHC 1:50~1:200 ICC 1:50~1:200 IP 1:30

Background

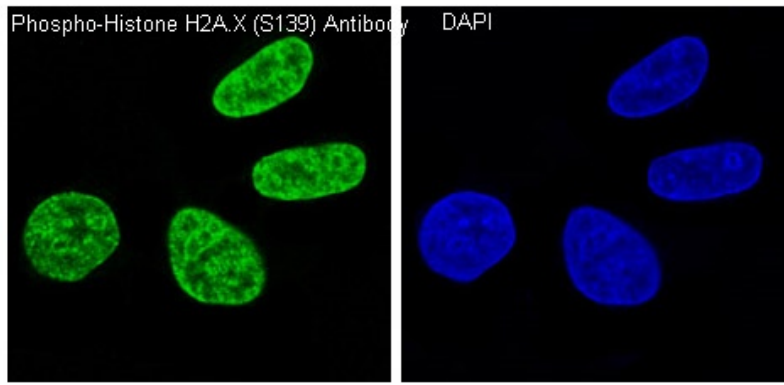
Variant histone H2A which replaces conventional H2A in a subset of nucleosomes. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.



Western blot analysis of Histone H2A.X phosphorylation expression in Jurkat cell lysate treated with etoposide.



Immunohistochemical analysis of paraffin-embedded mouse liver, using Phospho-Histone H2A.X (S139) Antibody.



Immunofluorescent analysis of HeLa cells treated with H₂O₂, using Phospho-Histone H2A.X (S139) Antibody.