

# Phospho-Histone H2A.X (S139) Antibody

Rabbit mAb

Catalog # AP91004

## Product Information

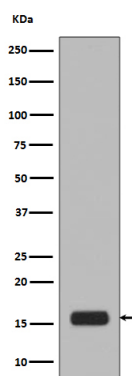
<b>Application</b>	WB, IHC, IF, ICC, IP, IHF
<b>Primary Accession</b>	<a href="#">P16104</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	H2A.X; H2AFX; H2a/x; HIST5-2AX; Histone H2A.X;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	15 KDa

## Additional Information

<b>Dilution</b>	WB 1:5000~1:10000 IHC 1:50~1:200 ICC 1:50~1:200 IP 1:30
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human Phospho-Histone H2A.X (S139)
<b>Description</b>	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.
<b>Storage Condition and Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

## Protein Information

## Images



Western blot analysis of HistoneH2A.X phosphorylation expression in Jurkat cell lysate treated with etoposide.

Image not found : 202311/AP91004-IHC.jpg	Immunohistochemical analysis of paraffin-embedded mouse liver, using Phospho-Histone H2A.X (S139) Antibody.
Image not found : 202311/AP91004-IF.jpg	Immunofluorescent analysis of HeLa cells treated with H2O2, using Phospho-Histone H2A.X (S139) Antibody.
Image not found : 202311/AP91004-wb6.jpg	SRSF1 Prevents DNA Damage and Promotes Tumorigenesis through Regulation of DBF4B Pre-mRNA Splicing. -Cell Reports

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.