

Product Datasheet

Phospho-Histone H2A.X (Ser139) Antibody



Catalog No: CY6264

Reactivity: Human, Mouse, Rat

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Isotype: Rabbit IgG

Applications: WB

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: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

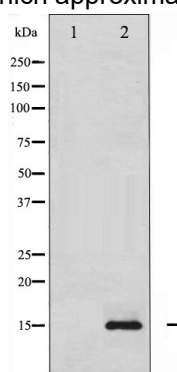
Molecular Wt.: 15kDa

Application

WB 1:500-1:2000

Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA



Western blot analysis of Histone H2A.X phosphorylation expression in UV treated HeLa whole cell lysates. The lane on the left is treated with the antigen-specific peptide.

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