

Anti-Histone H2A.X(Phospho-Ser139) Monoclonal Antibody

Cat: AC50535

Summary:

【 Product name 】 : Anti-Histone **【Source】** : Mouse

H2A.X(Phospho-Ser139) antibody

【Isotype】 : IgG1

【Species reactivity】 : Mouse

【Swiss Prot】 : P16104

【Gene ID】 : 3014

【Calculated】 : MW:15kDa

【Observed】 : MW:17kDa

【Purification】 : Affinity purification

【Tested applications】 : WB, IF

【Recommended dilution】 : WB 1:1000-3000. IF 1:200-500.

【WB Positive sample】 : 3T3

【Subcellular location】 : Chromosome Nucleus

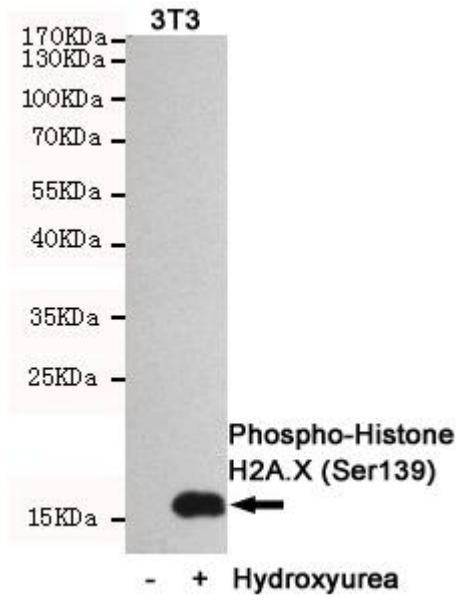
【Immunogen】 : Synthetic Peptide

【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C

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 is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene encodes a member of the histone H2A family, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif.

Verified picture



Western blot analysis with Histone
H2A.X(Phospho-Ser139) antibody diluted at
1:2000