
Product Name: Histone H2A.X (Phospho Ser139) Rabbit Monoclonal Antibody**Catalog #: AMRe21478**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IF,IP,ELISA
Reactivity	Human,Mouse,Rat,Hamster
Conjugation	Phospho
Modification	Phosphorylated
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Concentration	0.3mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Application

Dilution Ratio	IHC 1:2000-1:8000;WB 1:1000-1:5000;IF 1:200-1:1000;ELISA 1:5000-1:20000;IP 1:50-1:200,
Molecular Weight	Calculated MW:15kD;Observed MW:15kD

Antigen Information

Gene Name	H2AFX
Alternative Names	H2AFX;H2AX;Histone H2A.x;H2a/x
Gene ID	3014.0
SwissProt ID	P16104
Immunogen	A synthetic Phosphorylated peptide corresponding to residues target protein

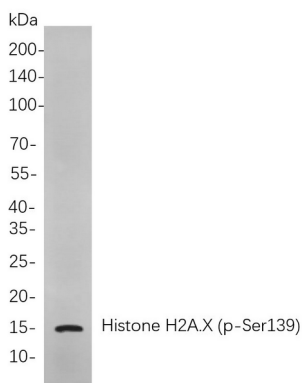
Background

Cell localization:Nucleus.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 replication-independent histone that is 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. [provided by RefSeq, Oct 2015],

Research Area

Image Data



Western blot analysis of lysates from 293 cells, using Histone H2A.X (p-Ser139) Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.