
Product Name: Phospho-Histone H2A.X (Ser139) Rabbit Monoclonal Antibody**Catalog #: AMRe84926**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/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	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IP 1:10-1:20
Molecular Weight	Calculated MW: 15 kDa; Observed MW: 15 kDa

Antigen Information

Gene Name	Phospho-Histone H2A.X (Ser139)
Alternative Names	H2A.X; H2AFX; H2a/x; HIST5-2AX; Histone H2A.X; gamma H2A.X
Gene ID	3014.0
SwissProt ID	P16104
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser139 of human gamma H2A.X

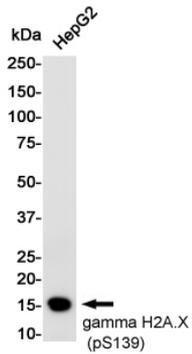
Background

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

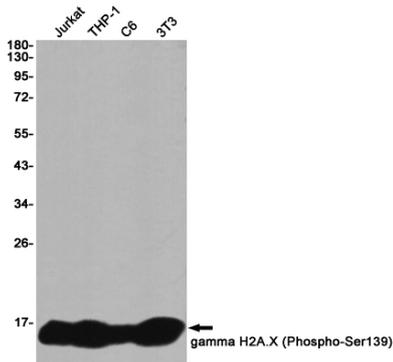
central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.

Research Area

Image Data



Western blot analysis of gamma H2A.X (Phospho-Ser139) in HepG2 lysates using Phospho-Histone H2A.X (Ser139) antibody.



Western blot analysis of gamma H2A.X (Phospho-Ser139) in Jurkat, THP-1, C6, 3T3 lysates using gamma H2A.X (Phospho-Ser139) antibody.