

Phospho-Histone H2A.X (Ser139) Rabbit pAb

db7617

Package : 20μL 50μL 100μL

Product Name : Phospho-Histone H2A.X (Ser139) Rabbit pAb**Cat.No.:** db7617**Synonyms** : H2AX; H2A.X; H2A/X**Application** : WB, IHC, ICC/IF, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**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 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]

Immunogen

A synthetic phosphopeptide corresponding to residues surrounding Ser139 of human gamma H2A.X

Gene ID

3014

Swiss Prot

P16104

Synonyms

H2AX; H2A.X; H2A/X

Reactivity

Human, Mouse, Rat

Application

WB, IHC, ICC/IF, IP

Recommended dilution

WB: 1:2000

IHC: 1:20

ICC/IF: 1:50

IP: 1:20

Calculated MW

15 kDa

Observed MW

15 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.