

Acetyl-Histone H2A.X (Lys5) Rabbit pAb

db9749

Package : 20µL 50µL 100µL

Product Name : Acetyl-Histone H2A.X (Lys5) Rabbit pAb**Cat.No.:** db9749**Synonyms** : H2AX; H2A.X; H2A/X**Application** : WB, IHC, ICC/IF**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit

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| Background | Core component of nucleosome. 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. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling. |
| Immunogen | A synthetic acetylpeptide corresponding to residues surrounding Lys5 of human Histone H2A.X |
| Gene ID | 3014 |
| Swiss Prot | P16104 |
| Synonyms | H2AX; H2A.X; H2A/X |
| Reactivity | Human, Mouse, Rat |
| Application | WB, IHC, ICC/IF |
| Recommended dilution | WB: 1:2000 IHC: 1:200 ICC/IF: 1:200 |
| 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.