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# Histone H2A (Phospho Ser129) Polyclonal Antibody

Catalog # AP63422

## Product Information

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|---|---|
| **Application** | WB |
| **Primary Accession** | P0C0S8, Q6FI13, Q7L7L0 |
| **Reactivity** | Human, Mouse, Rat |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 14091 |

## Additional Information

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|---|---|
| **Gene ID** | 8329;8330;8332;8336;8969 |
| **Other Names** | HIST1H2AG; H2AFP; HIST1H2AI; H2AFC; HIST1H2AK; H2AFD; HIST1H2AL; H2AFI; HIST1H2AM; H2AFN; Histone H2A type 1; H2A.1; Histone H2A/p; HIST2H2AA3; H2AFO; HIST2H2AA; HIST2H2AA4; Histone H2A type 2-A; Histone H2A.2; Histone H2A/o; HIST3H2A; Histone H2A type 3 |
| **Dilution** | WB~~WB: 1:1000-2000 |
| **Format** | PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol. |
| **Storage Conditions** | -20℃ |

## Protein Information

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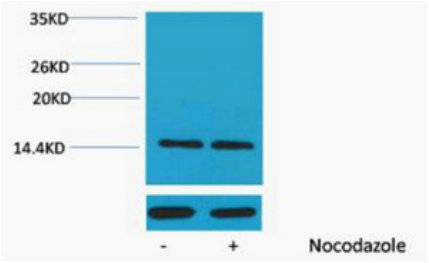
|---|---|
| **Name** | H2AC11 ( HGNC:4737) |
| **Synonyms** | H2AFP, HIST1H2AG |
| **Function** | Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role 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. |
| **Cellular Location** | Nucleus. Chromosome. |

## Images




Western blot analysis of extracts from Hela cells, untreated (-) or treated, 1:5000.. Secondary antibody was diluted at 1:20000