

**Anti-Histone H2A Antibody**  
Catalog # AP54127

**Specification**

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**Anti-Histone H2A Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P0C0S8</a>
Other Accession	<a href="#">P16104</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>14091</b>

**Anti-Histone H2A Antibody - Additional Information**

**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; H2AFX; H2AX; Histone H2A.x; H2a/x

**Target/Specificity**

Recognizes endogenous levels of Histone H2A protein.

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-Histone H2A Antibody - Protein Information**

**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.

## **Anti-Histone H2A Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **Anti-Histone H2A Antibody - Images**

## **Anti-Histone H2A Antibody - Background**

Rabbit polyclonal antibody to Histone H2A