

**Anti-Histone H2A (AcK5) Antibody**  
Rabbit polyclonal antibody to Histone H2A (AcK5)  
Catalog # AP61492

**Specification**

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**Anti-Histone H2A (AcK5) Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P0C0S8</a>
Other Accession	<a href="#">P22752</a>
Reactivity	Human, Mouse, Rat, Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14091

**Anti-Histone H2A (AcK5) Antibody - Additional Information**

**Gene ID** 8329;8330;8332;8336;8969

**Other Names**

H2AFP; H2AFC; H2AFD; H2AFI; H2AFN; Histone H2A type 1; H2A.1; Histone H2A/p

**Target/Specificity**

Recognizes endogenous levels of Histone H2A with a site at AcK5 protein.

**Dilution**

WB~~WB (1/500 - 1/1000)

**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 (AcK5) 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**

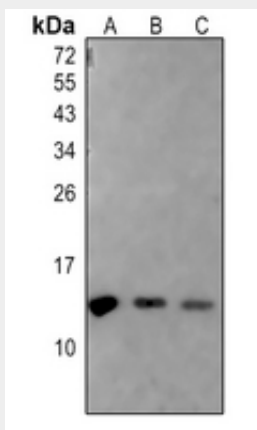
Nucleus. Chromosome.

### Anti-Histone H2A (AcK5) 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 (AcK5) Antibody - Images



Western blot analysis of Histone H2A (AcK5) expression in HEK293T (A), H446 (B), U2OS (C) whole cell lysates.

### Anti-Histone H2A (AcK5) Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Histone H2A with a site at AcK5. The exact sequence is proprietary.