

**Anti-Histone H2A (Butyryl-K5) Antibody**  
**Rabbit polyclonal antibody to Histone H2A (Butyryl-K5)**  
**Catalog # AP61418**

## Specification

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### Anti-Histone H2A (Butyryl-K5) Antibody - Product Information

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

### Anti-Histone H2A (Butyryl-K5) 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

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Histone H2A with a site at Butyryl-K5. The exact sequence is proprietary.

#### Dilution

WB~~WB (1/500 - 1/1000), IH (1/50 - 1/200)

IHC~~1:100~500

#### 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 (Butyryl-K5) 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.

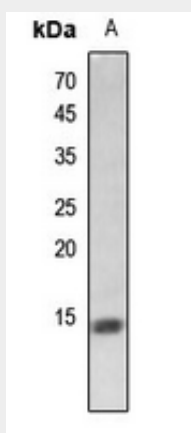
**Cellular Location**

Nucleus. Chromosome.

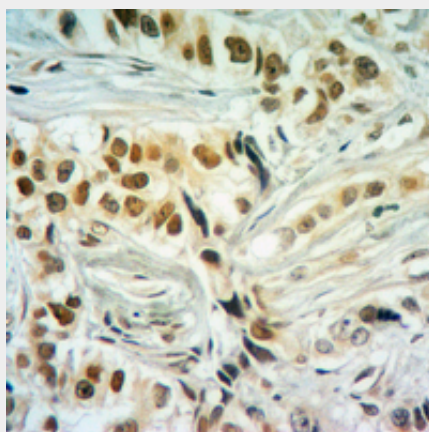
**Anti-Histone H2A (Butyryl-K5) Antibody - Protocols**

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 (Butyryl-K5) Antibody - Images**

Western blot analysis of Histone H2A (Butyryl-K5) expression in MCF7 (A) whole cell lysates.



Immunohistochemical analysis of Histone H2A (Butyryl-K5) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

**Anti-Histone H2A (Butyryl-K5) Antibody - Background**

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