

**Histone H3 (acetyl K9) Antibody**  
**Rabbit mAb**  
**Catalog # AP93233****Specification**

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**Histone H3 (acetyl K9) Antibody - Product Information**

Application	WB, IHC, FC, ICC, IP
Primary Accession	<a href="#">P68431</a>
Reactivity	Rat
Clonality	Monoclonal

**Other Names**

H3 histone family, member A; H3/A; H31; H3FA; H3FB; H3FC; H3FD; H3FF; H3FH; H3FI; H3FJ; H3FK; H3FL; HIST1H3A; HIST1H3B; HIST1H3C; HIST1H3D; HIST1H3E;

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	15404 Da

**Histone H3 (acetyl K9) Antibody - Additional Information**

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Histone H3 (acetyl K9)
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Histone H3 (acetyl K9) Antibody - Protein Information**

**Name** H3C1 ([HGNC:4766](#))

**Synonyms** H3FA, HIST1H3A

**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.

**Histone H3 (acetyl K9) 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](#)

**Histone H3 (acetyl K9) Antibody - Images**