

## Histone H3 (acetyl K9) Antibody

Rabbit mAb Catalog # AP93232

#### **Specification**

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

Application WB, IHC, ICC Primary Accession P68431 Monoclonal

**Other Names** 

H3 histone family, member A; H3/A; H3FA; H3FA; H3FB; H3FC; H3FD; H3FF; H3FH; H3FI; H3FK;

H3FL; HIST1H3A; HIST1H3B; HIST1H3C; HIST1H3D; HIST1H3E;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 15404 Da

# Histone H3 (acetyl K9) Antibody - Additional Information

Dilution WB~~1:1000

IHC~~1:100~500

ICC~~N/A

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. Rabbit IgG in phosphate buffered saline,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at  $+4^{\circ}\text{C}$  short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

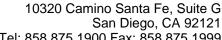
### Histone H3 (acetyl K9) Antibody - Protein Information

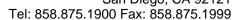
Name H3C1 (<u>HGNC:4766</u>)

Synonyms H3FA, HIST1H3A

Storage Condition and Buffer

**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
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Histone H3 (acetyl K9) Antibody - Images