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# Histone H3 (di methyl K9) Antibody
**Rabbit mAb**
**Catalog # AP90762**

## Specification

### Histone H3 (di methyl K9) Antibody - Product Information

| | |
|---|---|
| Application | **WB, ICC** |
| Primary Accession | P68431 |
| Reactivity | **Rat** |
| Clonality | **Monoclonal** |
| **Other Names** | |
| Histone H3.1; Histone H3; HIST1H3A; H3K9me2; | |
| Isotype | **Rabbit IgG** |
| Host | **Rabbit** |
| Calculated MW | **15404 Da** |

### Histone H3 (di methyl K9) Antibody - Additional Information

| | |
|---|---|
| Dilution | **WB~~1:1000**<br>**ICC~~N/A** |
| Purification | **Affinity-chromatography** |
| Immunogen | **A synthesized peptide derived from human Histone H3** |
| Description | **Belongs to the histone H3 family. 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 (di methyl 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.

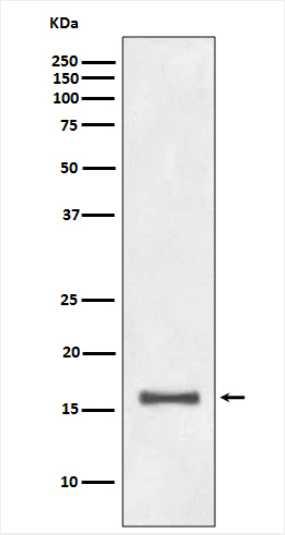
**Cellular Location**
Nucleus. Chromosome.

## Histone H3 (di methyl 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 Cytomety
- Cell Culture

## Histone H3 (di methyl K9) Antibody - Images




Western blot analysis of Histone H3 (di methyl K9) expression in HeLa cell lysate.