

Histone H3 (acetyl K18) Antibody
Rabbit mAb
Catalog # AP92648**Specification**

Histone H3 (acetyl K18) Antibody - Product Information

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

Histone H3 (acetyl K18) Antibody - Additional Information

| | |
|------------------------------|--|
| Dilution | WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 ICC~~N/A |
| Purification | Affinity-chromatography |
| Immunogen | A synthesized peptide derived from Histone H3 (acetyl K18) |
| 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 (acetyl K18) 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.

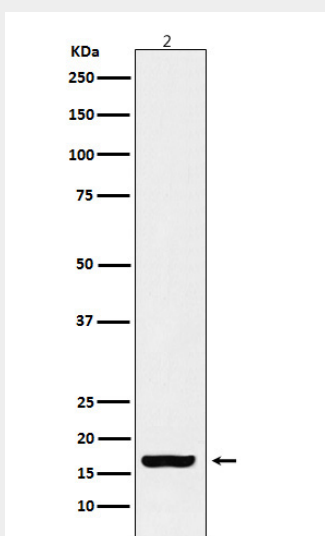
Cellular Location

Nucleus. Chromosome.

Histone H3 (acetyl K18) 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 K18) Antibody - Images

Western blot analysis of Histone H3 (acetyl K18) expression in HeLa cell treated with TSA cell lysate.