

**Histone H4 (acetyl K16) Antibody**  
Rabbit mAb  
Catalog # AP90325**Specification**

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**Histone H4 (acetyl K16) Antibody - Product Information**

Application	WB, IHC, FC, ICC
Primary Accession	<a href="#">P62805</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
H4F2; HIST; HIST1H4A; Histone H4.AC-H4K5;H4K5;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	11367 Da

**Histone H4 (acetyl K16) Antibody - Additional Information**

Purification	<b>Affinity-chromatography</b>
Immunogen	<b>A synthesized peptide derived from human Histone H4 (acetyl K16)</b>
Description	<b>The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H4 family.</b>
Storage Condition and Buffer	<b>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.</b>

**Histone H4 (acetyl K16) Antibody - Protein Information****Name** H4C1**Synonyms** H4/A, H4FA, HIST1H4A**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**

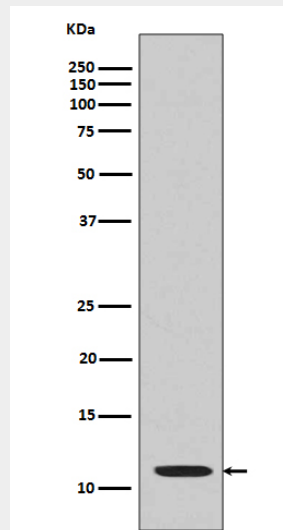
Nucleus. Chromosome.

## Histone H4 (acetyl K16) 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 H4 (acetyl K16) Antibody - Images



Western blot analysis of Acetyl-Histone H4 (K16) expression in HeLa cell lysate treated with TSA.