

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

Specification

Histone H4 (acetyl K16) Antibody - Product Information

ApplicationWB, IHC, FC, ICCPrimary AccessionP62805ReactivityRatClonalityMonoclonalOther NamesH4F2; HIST; HIST1H4A; Histone H4.AC-H4K5;H4K5;

lsotype	Rabbit IgG
Host	Rabbit
Calculated MW	11367 Da

Histone H4 (acetyl K16) Antibody - Additional Information

Purification Immunogen	Affinity-chromatography A synthesized peptide derived from human Histone H4 (acetyl K16)
Description	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.
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 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



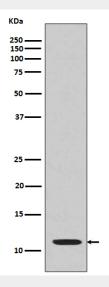
Nucleus. Chromosome.

Histone H4 (acetyl K16) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Histone H4 (acetyl K16) Antibody - Images



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