

## Histone H4 (Acetyl Lys16) Polyclonal Antibody Catalog # AP63211

### Specification

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#### Histone H4 (Acetyl Lys16) Polyclonal Antibody - Product Information

Application	WB
Primary Accession	<a href="#">P62805</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

#### Histone H4 (Acetyl Lys16) Polyclonal Antibody - Additional Information

**Gene ID** 121504;554313;8294;8359;8360;8361;8362;8363;8364;8365;8366;8367;8368;8370

#### Other Names

HIST1H4A; H4/A; H4FA; HIST1H4B; H4/I; H4FI; HIST1H4C; H4/G; H4FG; HIST1H4D; H4/B; H4FB; HIST1H4E; H4/J; H4FJ; HIST1H4F; H4/C; H4FC; HIST1H4H; H4/H; H4FH; HIST1H4I; H4/M; H4FM; HIST1H4J; H4/E; H4FE; HIST1H4K; H4/D; H4FD; HIST1H4L; H4/K; H4FK

#### Dilution

WB~~WB 1:500-2000, IHC-p 1:50-300, IF 1:50-300

#### Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

#### Storage Conditions

-20°C

#### Histone H4 (Acetyl Lys16) Polyclonal 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

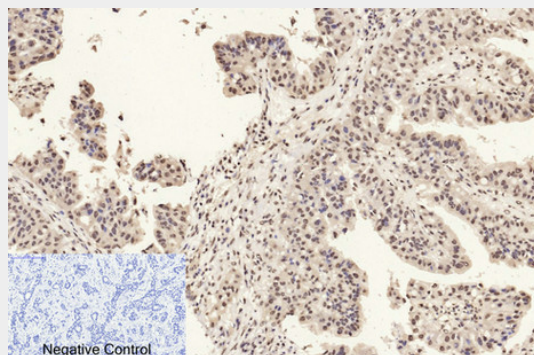
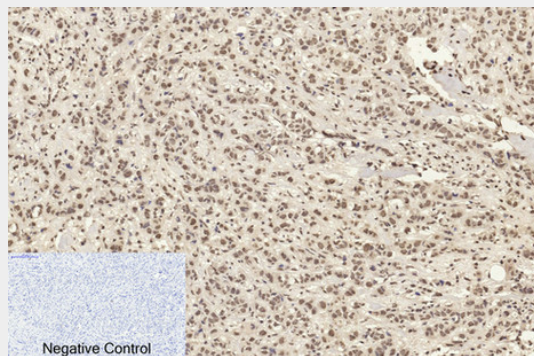
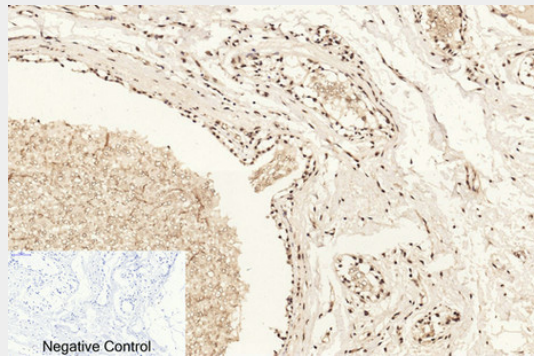
Nucleus. Chromosome.

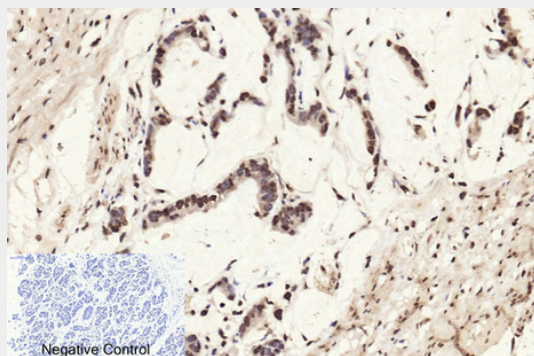
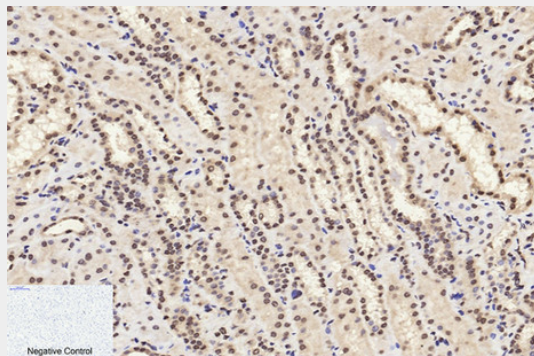
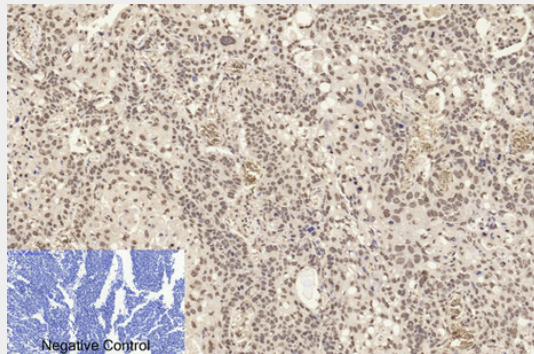
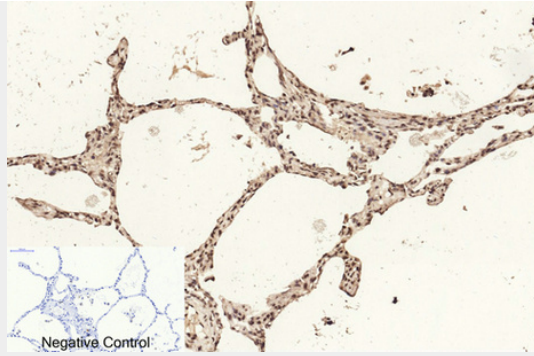
#### Histone H4 (Acetyl Lys16) Polyclonal Antibody - Protocols

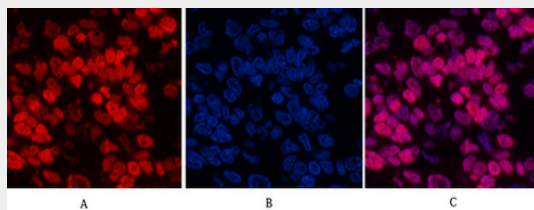
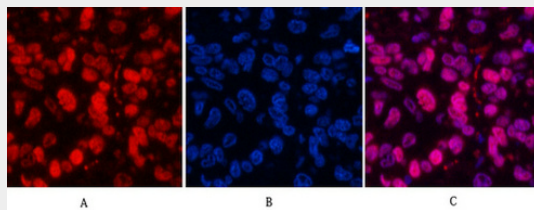
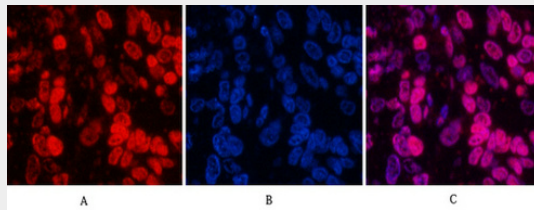
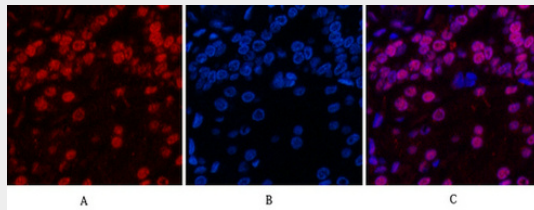
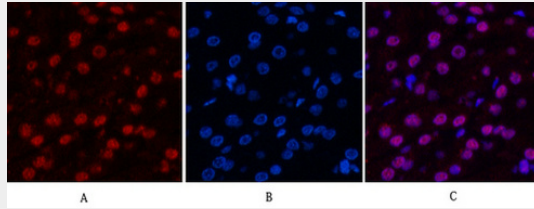
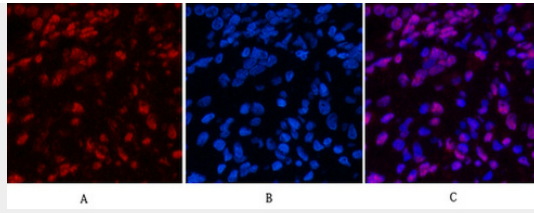
Provided below are standard protocols that you may find useful for product applications.

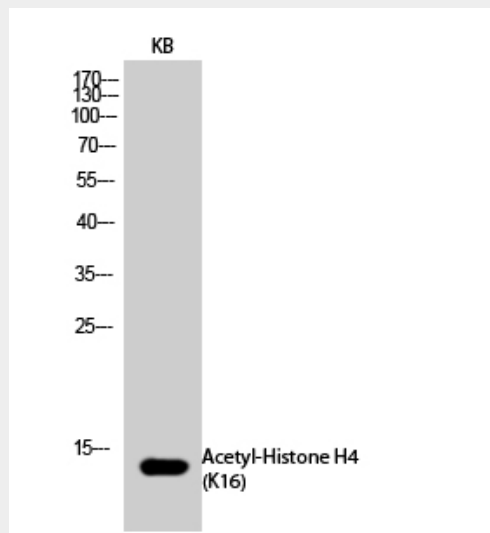
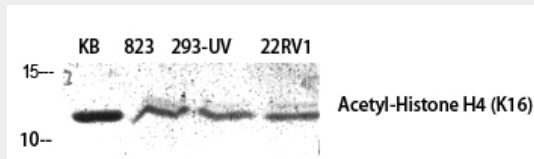
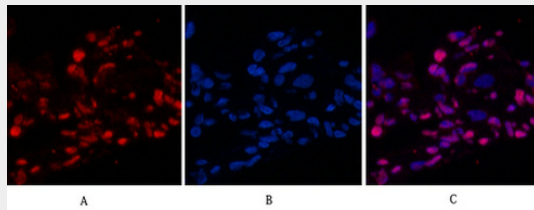
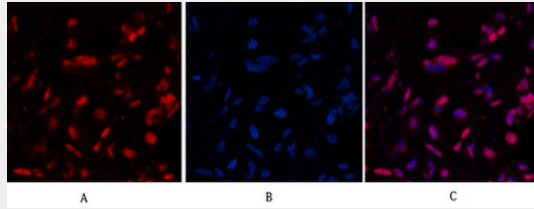
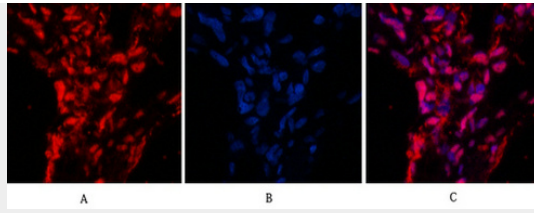
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- [Dot Blot](#)
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- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **Histone H4 (Acetyl Lys16) Polyclonal Antibody - Images**









### Histone H4 (Acetyl Lys16) Polyclonal Antibody - Background

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.