# Acetyl-Histone H1.4-K26 Rabbit pAb

Acetyl-Illistolle III.4-K20 Kabbit PAL



Catalog No.: A17893

# **Basic Information**

## **Observed MW**

Refer to figures

## **Calculated MW**

22kDa

## Category

Primary antibody

## **Applications**

IHC-P,IF/ICC,ELISA

#### **Cross-Reactivity**

Human, Mouse, Rat

# **Background**

Histones are basic nuclear proteins responsible for nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6.

## **Recommended Dilutions**

IHC-P 1:50 - 1:200

**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL.

Please optimize the concentration based on your specific assay requirements.

# Immunogen Information

**Gene ID**3008

Swiss Prot
P10412

#### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

## **Synonyms**

H1E; H1.4; H1F4; RMNS; H1s-4; HIST1H1E; dJ221C16.5; Acetyl-Histone H1.4-K26

## **Contact**

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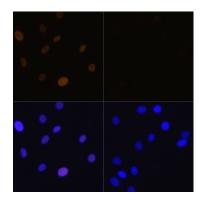
## **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

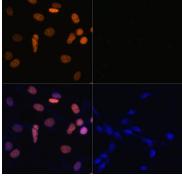
#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

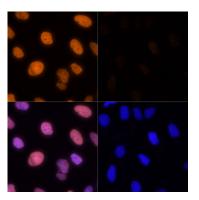
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.



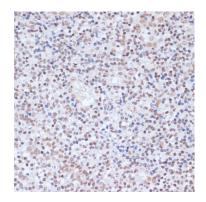
Immunofluorescence analysis of C6 cells using Acetyl-Histone H1.4-K26 (A17893) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.C6 cells were treated by TSA (1 uM) at 37°C for 18 hours. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



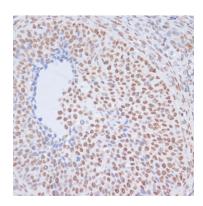
Immunofluorescence analysis of NIH/3T3 cells using Acetyl-Histone H1.4-K26 (A17893) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.NIH/3T3 cells were treated by TSA (1 uM) at 37°C for 18 hours. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



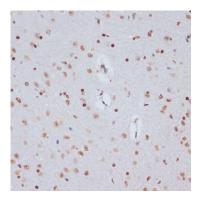
Immunofluorescence analysis of U-2 OS cells using Acetyl-Histone H1.4-K26 (A17893) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.U2OS cells were treated by TSA (1 uM) at 37°C for 18 hours. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffinembedded Human tonsil using Acetyl-Histone H1.4-K26 Rabbit pAb (A17893) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Rat ovary using Acetyl-Histone H1.4-K26 Rabbit pAb (A17893) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Mouse brain using Acetyl-Histone H1.4-K26 Rabbit pAb (A17893) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.