

Acetyl-HIST1H1E (K63) Antibody



PACO56598

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, ICC, IF, CHIP

Recommended dilutions:

ELISA:1:2000-1:10000, ICC:1:20-1:200,
IF:1:50-1:200

Protein Background:

Histone H1 protein binds to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin fiber. Histones H1 are necessary for the condensation of nucleosome chains into higher-order structured fibers. Acts also as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation.

Gene ID:

HIST1H1E

Uniprot

P10412

Synonyms:

Histone H1.4 (Histone H1b) (Histone H1s-4), HIST1H1E, H1F4

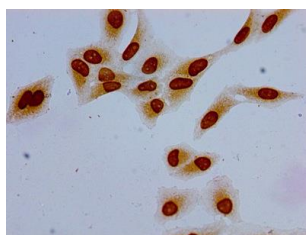
Immunogen:

Peptide sequence around site of Acetyl-Lys (63) derived from Human Histone H1.4.

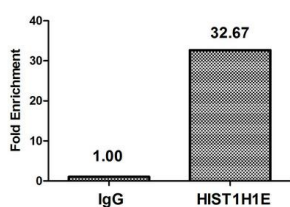
Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

Product Images

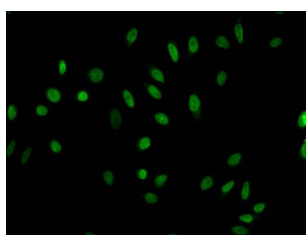


Immunocytochemistry analysis of HeLa cells using PACO56598 at dilution of 1:100.



Chromatin Immunoprecipitation HeLa (4×10^6

, treated with 30mM sodium butyrate for 4h) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with 5 μ g anti-HIST1H1E (PACO56598) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the beta -Globin promoter.



Immunofluorescent analysis of HeLa cells (sodium butyrate, 30 mM, 4h) using PACO56598 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).