

Acetyl-HIST1H1C (K96) Antibody



PACO56631

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, ICC, IF, IP, ChIP

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000,
ICC:1:20-1:200, IF:1:50-1:200, IP:1:200-
1:2000,

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:

HIST1H1C

Uniprot

P16403

Synonyms:

Histone H1.2 (Histone H1c) (Histone H1d) (Histone H1s-1), HIST1H1C, H1F2

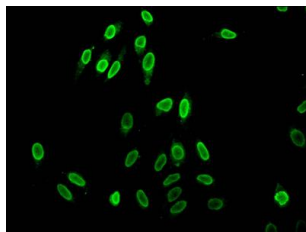
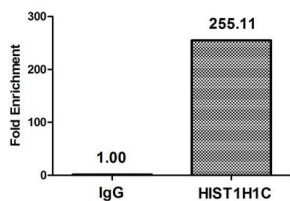
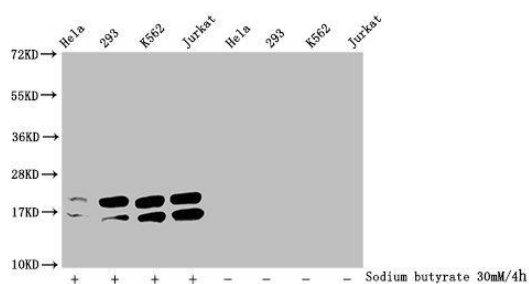
Immunogen:

Peptide sequence around site of Acetyl-Lys (96) derived from Human Histone H1.2.

Storage:

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

Product Images



Western Blot. Detected samples: HeLa whole cell lysate, 293 whole cell lysate, K562 whole cell lysate, Jurkat whole cell lysate; Untreated (-) or treated (+) with 30mM sodium butyrate for 4h. All lanes: HIST1H1C antibody at 1:2000. Secondary. Goat polyclonal to rabbit IgG at 1/40000 dilution. Predicted band size: 22 kDa. Observed band size: 22 kDa.

Chromatin Immunoprecipitation HeLa (4×10^6)

, treated with 30mM sodium butyrate for 4h) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with 8 μ g anti-HIST1H1C (PACO56631) 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 PACO56631 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).