

HIST1H1C (Ab-16) Antibody



PACO56617

Product Information

Size:

50ul

Reactivity:

Human, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IF, ChIP

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:100-1:1000,
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:

HIST1H1C

Uniprot

P16403

Synonyms:

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

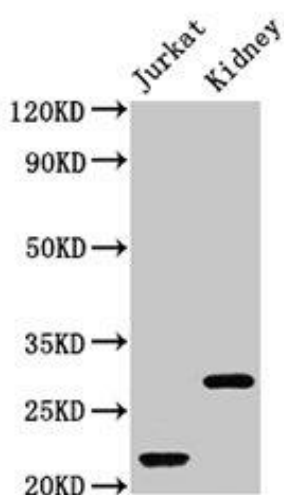
Immunogen:

Peptide sequence around site of Lys (16) derived from Human Histone H1.2.

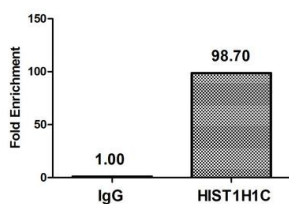
Storage:

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

Product Images

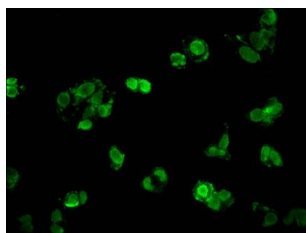


Western Blot. Positive WB detected in: Jurkat whole cell lysate, Rat kidney tissue. All lanes: HIST1H1C antibody at 1 µg/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 22 kDa. Observed band size: 22, 28 kDa.



Chromatin Immunoprecipitation HeLa (4×10^6)

) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with 8 µg anti-HIST1H1C (PACO56617) 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 HepG2 cells using PACO56617 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).