

Acetyl-HIST1H2BB (K16) Antibody



PACO56507

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:

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.

Gene ID:

HIST1H2BB

Uniprot

P33778

Synonyms:

Histone H2B type 1-B (Histone H2B.1) (Histone H2B. f) (H2B/f), HIST1H2BB, H2BFF

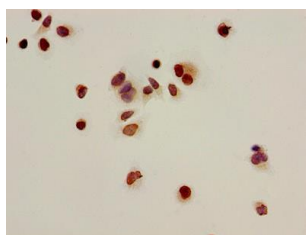
Immunogen:

Peptide sequence around site of Acetyl-Lys (16) derived from Human Histone H2B type 1-B.

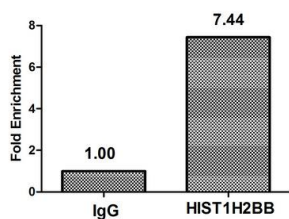
Storage:

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

Product Images

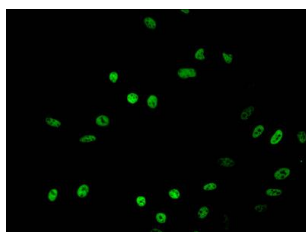


Immunocytochemistry analysis of HeLa cells using PACO56507 at dilution of 1:100.



Chromatin Immunoprecipitation HeLa (4×10^6)

) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with $8 \mu\text{g}$ anti-HIST1H2BB (PACO56507) 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 treated with NaB using PACO56507 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).