HIST1H2BB (Ab-16) Antibody

PACO56508

Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IF, ChIP

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:200-1:2000, 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 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

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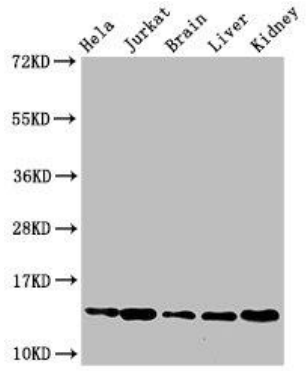
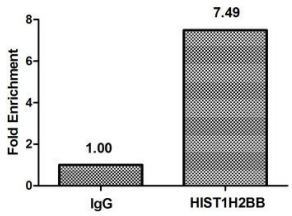
Product Images

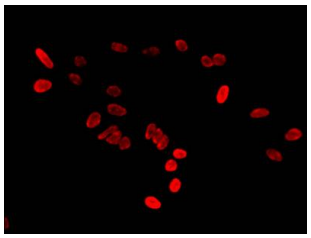


Western Blot. Positive WB detected in: Hela cell acid extracts, Jurkat cell acid extracts, Mouse brain tissue, Mouse liver tissue, Mouse kidney tissue. All lanes: HIST1H2BB antibody at 2.5µg/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 14 kDa. Observed band size: 14 kDa.



Chromatin Immunoprecipitation Hela (4*10^6

) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with 8µg anti-HIST1H2BB (PACO56508) 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 using PACO56508 at dilution of 1:100 and Cy3-congugated Goat Anti-Rabbit IgG.