# **HIST1H2BC (Ab-12) Antibody**



## PACO59650

Reactivity:

Rabbit

### **Product Information**

Size: **Protein Background:** 

50ul 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 Human

of post-translational modifications of histones, also called histone code, and

Source:

nucleosome remodeling.

HIST1H2BC Isotype:

lgG Uniprot

P62807 **Applications:** 

ELISA, WB, IF Synonyms:

**Recommended dilutions:** 

ELISA:1:2000-1:10000, WB:1:100-1:1000, IF:1:1-1:10

Histone H2B type 1-C/E/F/G/I (Histone H2B.1 A) (Histone H2B. a) (H2B/a) (Histone H2B. g) (H2B/g) (Histone H2B. h) (H2B/h) (Histone H2B. k) (H2B/k) (Histone H2B. l) (H2B/l), HIST1H2BC; HIST1H2BE; HIST1H2BF; HIST1H2BG; HIST1H2BI, H2BFL; H2BFH; H2BFG; H2BFA; H2BFK

## Immunogen:

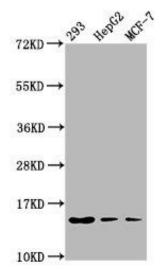
Gene ID:

Peptide sequence around site of Lys (12) derived from Human Histone H2B type 1-C/E/F/G/I.

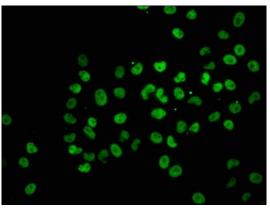
### Storage:

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

## **Product Images**



Western Blot. Positive WB detected in: 293 whole cell lysate, HepG2 whole cell lysate, MCF-7 whole cell lysate. All lanes: HIST1H2BC antibody at 0.05µg/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 14 kDa. Observed band size: 14 kDa.



Immunofluorescence staining of Hela cells with PACO59650 at 1:1, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).