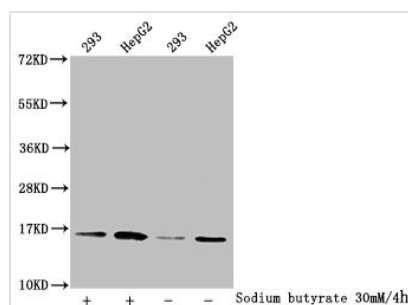




# Acetyl-HIST1H3A (K122) Antibody

|                            |                                                                                                                                                                                                                                                                                                                                    |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | CSB-PA010418OA122acHU                                                                                                                                                                                                                                                                                                              |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                                                                                                                                                                                                                      |
| <b>Uniprot No.</b>         | P68431                                                                                                                                                                                                                                                                                                                             |
| <b>Immunogen</b>           | Peptide sequence around site of Acetyl-Lys (122) derived from Human Histone H3.1                                                                                                                                                                                                                                                   |
| <b>Raised In</b>           | Rabbit                                                                                                                                                                                                                                                                                                                             |
| <b>Species Reactivity</b>  | Human                                                                                                                                                                                                                                                                                                                              |
| <b>Tested Applications</b> | ELISA, WB, ICC; Recommended dilution: WB:1:1000-1:5000, ICC:1:10-1:100                                                                                                                                                                                                                                                             |
| <b>Form</b>                | Liquid                                                                                                                                                                                                                                                                                                                             |
| <b>Conjugate</b>           | Non-conjugated                                                                                                                                                                                                                                                                                                                     |
| <b>Storage Buffer</b>      | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4                                                                                                                                                                                                                                                   |
| <b>Purification Method</b> | Antigen Affinity Purified                                                                                                                                                                                                                                                                                                          |
| <b>Isotype</b>             | IgG                                                                                                                                                                                                                                                                                                                                |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                                                                                                                         |
| <b>Alias</b>               | Histone H3.1 (Histone H3/a) (Histone H3/b) (Histone H3/c) (Histone H3/d) (Histone H3/f) (Histone H3/h) (Histone H3/i) (Histone H3/j) (Histone H3/k) (Histone H3/l), HIST1H3A; HIST1H3B; HIST1H3C; HIST1H3D; HIST1H3E; HIST1H3F; HIST1H3G; HIST1H3H; HIST1H3I; HIST1H3J, H3FA; H3FL; H3FC; H3FB; H3FD; H3FI; H3FH; H3FK; H3FF; H3FJ |
| <b>Immunogen Species</b>   | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                               |
| <b>Research Area</b>       | Epigenetics and Nuclear Signaling                                                                                                                                                                                                                                                                                                  |
| <b>Target Names</b>        | HIST1H3A                                                                                                                                                                                                                                                                                                                           |

## Image



### Western Blot

Detected samples: 293 whole cell lysate, HepG2 whole cell lysate; Untreated (-) or treated (+) with 30mM sodium butyrate for 4h

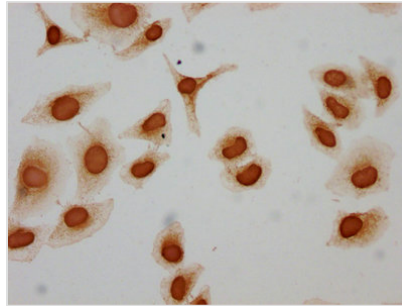
All lanes: HIST1H3A antibody at 1:2000

### Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 16 kDa

Observed band size: 16 kDa



Immunocytochemistry analysis of CSB-PA010418OA122acHU diluted at 1:10 and staining in Hela cells (treated with 30mM sodium butyrate for 4h) performed on a Leica Bond™ system. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.