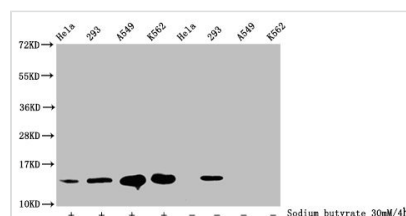




# 2-hydroxyisobutyryl-HIST1H2BC (K20) Antibody

|                            |  |
|----------------------------|--|
| <b>Product Code</b>        | CSB-PA010403OA20hibHU  |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.  |
| <b>Uniprot No.</b>         | P62807   |
| <b>Immunogen</b>           | Peptide sequence around site of 2-hydroxyisobutyryl-Lys (20) derived from Human Histone H2B type 1-C/E/F/G/I   |
| <b>Raised In</b>           | Rabbit   |
| <b>Species Reactivity</b>  | Human  |
| <b>Tested Applications</b> | ELISA, WB, IF; Recommended dilution: WB:1:100-1:1000, IF:1:1-1:10  |
| <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 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 |
| <b>Immunogen Species</b>   | Homo sapiens (Human)   |
| <b>Research Area</b>       | Epigenetics and Nuclear Signaling  |
| <b>Target Names</b>        | HIST1H2BC  |

## Image



### Western Blot

Detected samples: HeLa whole cell lysate, 293 whole cell lysate, A549 whole cell lysate, K562 whole cell lysate; Untreated (-) or treated (+) with 30mM sodium butyrate for 4h

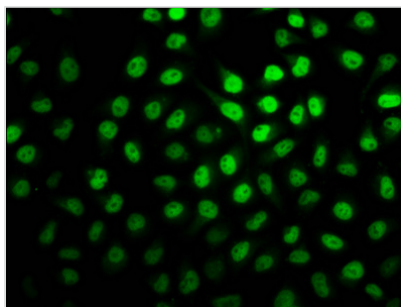
All lanes: HIST1H2BC antibody at 1:100

### 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 (treated with 30mM sodium butyrate for 4h) with CSB-PA010403OA20hibHU at 1:7.5, 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-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).