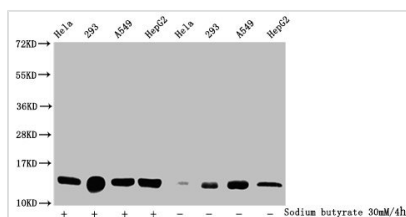




Acetyl-HIST1H2BC (K24) Antibody

| | |
|----------------------------|--|
| Product Code | CSB-PA010403OA24acHU |
| Storage | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |
| Uniprot No. | P62807 |
| Immunogen | Peptide sequence around site of Acetyl-Lys (24) derived from Human Histone H2B type 1-C/E/F/G/I |
| Raised In | Rabbit |
| Species Reactivity | Human |
| Tested Applications | ELISA, WB, ICC, IP; Recommended dilution: WB:1:100-1:1000, ICC:1:10-1:100, IP:1:200-1:2000 |
| Form | Liquid |
| Conjugate | Non-conjugated |
| Storage Buffer | Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| Purification Method | Antigen Affinity Purified |
| Isotype | IgG |
| Clonality | Polyclonal |
| Alias | 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 Species | Homo sapiens (Human) |
| Research Area | Epigenetics and Nuclear Signaling |
| Target Names | HIST1H2BC |

Image



Western Blot

Detected samples: HeLa whole cell lysate, 293 whole cell lysate, A549 whole cell lysate, HepG2 whole cell lysate; Untreated (-) or treated (+) with 30mM sodium butyrate for 4h

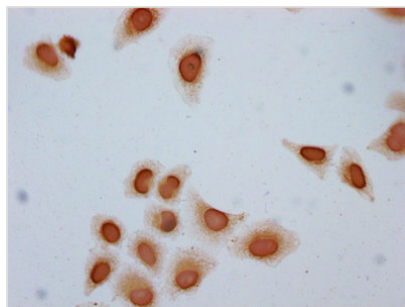
All lanes: HIST1H2BC antibody at 1:100

Secondary

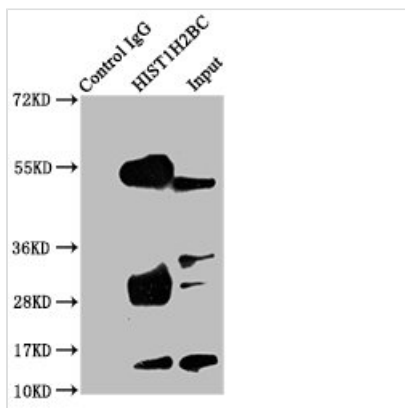
Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 14 kDa

Observed band size: 14 kDa



Immunocytochemistry analysis of CSB-PA010403OA24acHU 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.



Immunoprecipitating HIST1H2BC in A549 whole cell lysate
 Lane 1: Rabbit control IgG instead of CSB-PA010403OA24acHU in A549 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000)
 Lane 2: CSB-PA010403OA24acHU (5µg) + A549 whole cell lysate (500µg)
 Lane 3: A549 whole cell lysate (20µg)

Usage

For Research Use Only. Not for use in diagnostic or therapeutic procedures.