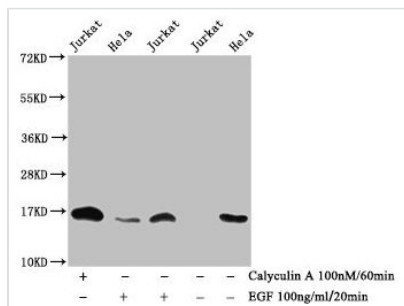




# Phospho-HIST1H3A (T3) Antibody

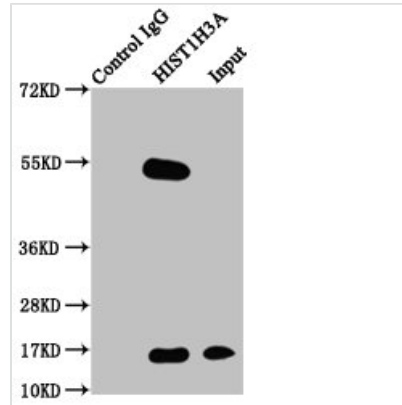
|                            |  |
|----------------------------|--|
| <b>Product Code</b>        | CSB-PA010418OA03phHU   |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.  |
| <b>Uniprot No.</b>         | P68431   |
| <b>Immunogen</b>           | Peptide sequence around site of Phospho-Thr (3) derived from Human Histone H3.1  |
| <b>Raised In</b>           | Rabbit   |
| <b>Species Reactivity</b>  | Human  |
| <b>Tested Applications</b> | ELISA, WB, IP, ChIP; Recommended dilution: WB:1:500-1:2000, IP:1:200-1:2000  |
| <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: Jurkat whole cell lysate, HeLa whole cell lysate; Untreated (-) or treated (+) with Calyculin A and EGF  
 All lanes: HIST1H3A antibody at 1:1000  
 Secondary  
 Goat polyclonal to rabbit IgG at 1/40000 dilution  
 Predicted band size: 16 kDa  
 Observed band size: 16 kDa

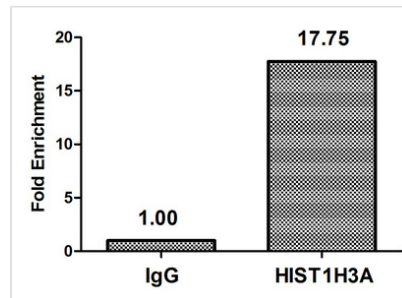


Immunoprecipitating HIST1H3A in HeLa whole cell lysate

Lane 1: Rabbit control IgG instead of CSB-PA010418OA03phHU in HeLa whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000)

Lane 2: CSB-PA010418OA03phHU (5 $\mu$ g) + HeLa whole cell lysate (500 $\mu$ g)

Lane 3: HeLa whole cell lysate (20 $\mu$ g)



Chromatin Immunoprecipitation HeLa ( $4 \times 10^6$ , treated with 100nM calyculin A for 60min) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with 5 $\mu$ g anti-HIST1H3A (CSB-PA010418OA03phHU) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the  $\beta$ -Globin promoter.