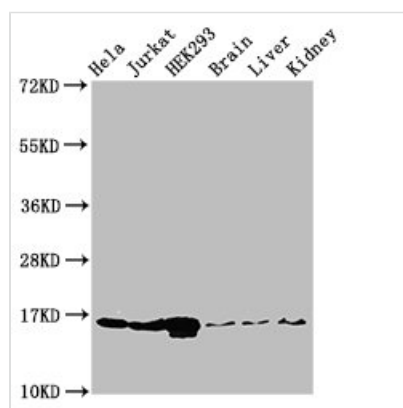




# HIST1H3A (Ab-9) Antibody

|                            |  |
|----------------------------|--|
| <b>Product Code</b>        | CSB-PA010418PA09nme3HU   |
| <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 Lys (9) derived from Human Histone H3.1  |
| <b>Raised In</b>           | Rabbit   |
| <b>Species Reactivity</b>  | Human, Mouse   |
| <b>Tested Applications</b> | ELISA, WB, IF, ChIP; Recommended dilution: WB:1:100-1:1000, IF:1:50-1:200  |
| <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

Positive WB detected in: HeLa cell acid extracts, Jurkat cell acid extracts, HEK293 cell acid extracts, Mouse brain tissue, Mouse liver tissue, Mouse kidney tissue

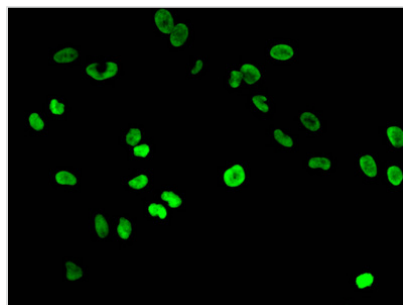
All lanes: HIST1H3A antibody at 1µg/ml

Secondary

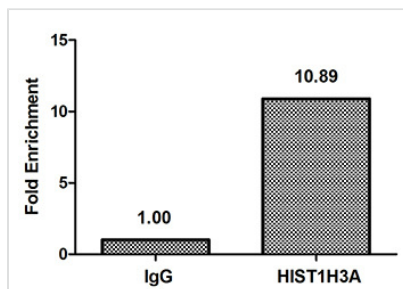
Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 16 kDa

Observed band size: 16 kDa



Immunofluorescent analysis of HeLa cells using CSB-PA010418PA09nme3HU at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Chromatin Immunoprecipitation HeLa ( $4 \times 10^6$ ) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with 8 $\mu$ g anti-HIST1H3A (CSB-PA010418PA09nme3HU) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the  $\beta$ -Globin promoter.