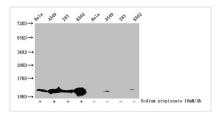






## Propionyl-HIST1H4A (K16) Antibody

| <b>Product Code</b>        | CSB-PA010429OA16propHU   |
|----------------------------|--|
| Storage                    | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.  |
| Uniprot No.                | P62805   |
| Immunogen                  | Peptide sequence around site of Propionyl-Lys (16) derived from Human Histone H4   |
| Raised In                  | Rabbit   |
| Species Reactivity         | Human  |
| <b>Tested Applications</b> | ELISA, WB, ChIP; Recommended dilution: WB:1:100-1:1000   |
| Form                       | Liquid   |
| Conjugate                  | Non-conjugated   |
| Storage Buffer             | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4   |
| <b>Purification Method</b> | Antigen Affinity Purified  |
| Isotype                    | IgG  |
| Clonality                  | Polyclonal   |
| Alias                      | Histone H4, HIST1H4A; HIST1H4B; HIST1H4C; HIST1H4D; HIST1H4E; HIST1H4F; HIST1H4H; HIST1H4I; HIST1H4J; HIST1H4K; HIST1H4L; HIST2H4A; HIST2H4B; HIST4H4, H4/A H4FA; H4/I H4FI; H4/G H4FG; H4/B H4FB; H4/J H4FJ; H4/C H4FC; H4/H H4FH; H4/M H4FM; H4/E H4FE; H4/D H4FD; H4/K H4FK; H4/N H4F2 H4FN HIST2H4; H4/O H4FO; |
| Immunogen Species          | Homo sapiens (Human)   |
| Research Area              | Epigenetics and Nuclear Signaling  |
| Target Names               | HIST1H4A   |
| Image                      | Western Blot   |



Western Blot

Detected samples: Hela whole cell lysate, A549 whole cell lysate, 293 whole cell lysate, K562 whole cell lysate; Untreated (-) or treated (+) with

10mM sodium propionate for 4h All lanes: HIST1H4A antibody at 1:100

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 12 kDa Observed band size: 12 kDa

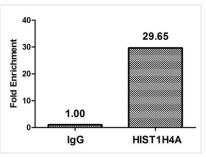


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Chromatin Immunoprecipitation Hela (4\*10<sup>6</sup>, treated with 10mM sodium propionate for 4h) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with 5µg anti-HIST1H4A (CSB-PA010429OA16propHU) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the  $\beta$ -Globin promoter.