

## Antibodies Product Datasheet

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| <b>Product Name:</b>          | Histone H4 (Acetyl-Lys16) Antibody                                                                                                                                                                                                                       |
| <b>Catalog Number:</b>        | D0014                                                                                                                                                                                                                                                    |
| <b>Reactivity:</b>            | Human, Mouse, Rat                                                                                                                                                                                                                                        |
| <b>Applications:</b>          | WB, IHC-p, IF/ICC, ELISA                                                                                                                                                                                                                                 |
| <b>Dilutions:</b>             | WB 1:500-2000, IHC-p 1:50-300, IF 1:50-300                                                                                                                                                                                                               |
| <b>Modification:</b>          | Acetyl Specific                                                                                                                                                                                                                                          |
| <b>Source:</b>                | Polyclonal Rabbit                                                                                                                                                                                                                                        |
| <b>Purification:</b>          | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                    |
| <b>Immunogen:</b>             | The antiserum was produced against synthesized peptide derived from human Histone H4 around the acetylated site of Lys16. AA range:1-50                                                                                                                  |
| <b>Concentration:</b>         | 1 mg/ml                                                                                                                                                                                                                                                  |
| <b>Gene Name:</b>             | HIST1H4A/HIST1H4B/HIST1H4C/HIST1H4D/HIST1H4E/HIST1H4F/HIST1H4H/HIST1H4I/HIST1H4J/HIST1H4K/HIST1H4L/HIST2H4A/HIST2H4B/HIST4H4                                                                                                                             |
| <b>Protein Name:</b>          | Histone H4                                                                                                                                                                                                                                               |
| <b>Other Name:</b>            | HIST1H4A; H4/A; H4FA; HIST1H4B; H4/I; H4FI; HIST1H4C; H4/G; H4FG; HIST1H4D; H4/B; H4FB; HIST1H4E; H4/J; H4FJ; HIST1H4F; H4/C; H4FC; HIST1H4H; H4/H; H4FH; HIST1H4I; H4/M; H4FM; HIST1H4J; H4/E; H4FE; HIST1H4K; H4/D; H4FD; HIST1H4L; H4/K; H4FK;H4k16AC |
| <b>Human Swiss Prot No.:</b>  | P62805                                                                                                                                                                                                                                                   |
| <b>Formulation:</b>           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                  |
| <b>Specificity:</b>           | Acetyl-Histone H4 (K16) Polyclonal Antibody detects endogenous levels of Histone H4 protein only when acetylated at K16.                                                                                                                                 |
| <b>Storage and Stability:</b> | -20°C/1 year                                                                                                                                                                                                                                             |