

Product datasheet for **SP2099**

HIST4H4 (acetylated) Rabbit Polyclonal Antibody

Product data:

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| Product Type: | Primary Antibodies |
| Applications: | ELISA, IF, IP, WB |
| Recommended Dilution: | ELISA: 1/400. Immunoprecipitation. Western Blot: 1/800. Immunofluorescence: 1/200. Chromatin Immunoprecipitation. |
| Reactivity: | Amphibian, Drosophila, Mammalian, Yeast |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Immunogen: | KLH-conjugated peptide acetylated at lysines 5,8,12,16 |
| Specificity: | This antibody detects Acetylated isoforms of histone H4. |
| Formulation: | State: Serum State: Liquid serum Preservative: 0,09% sodium azide |
| Conjugation: | Unconjugated |
| Storage: | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | histone cluster 4, H4 |
| Database Link: | P62805 |
| Background: | Histone proteins H3, H4, H2A, and H2B function as building blocks to package eukaryotic DNA into repeating nucleosome units that are folded in higher order chromatin fibers. The nucleosome is composed of an octamer containing a H3/H4 tetramer and two H2A/H2B dimers, surrounded by approximately 146 base pairs of DNA. A diverse and elaborate array of post-translational modifications including acetylation, phosphorylation, methylation, ubiquitination, and ADP-ribosylation occurs on the N-terminal tail domains of histones. |
| Synonyms: | HIST1H4, H4/A, H4FA |



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