

## Product datasheet for **TA386669**

### H1-2 Rabbit Polyclonal Antibody

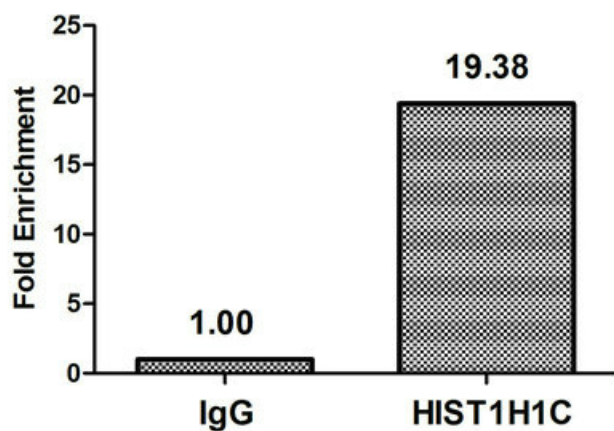
#### Product data:

|                       |  |
|-----------------------|--|
| Product Type:         | Primary Antibodies   |
| Applications:         | ChIP   |
| Recommended Dilution: | ChIP   |
| Reactivity:           | Human  |
| Host:                 | Rabbit   |
| Isotype:              | IgG  |
| Clonality:            | Polyclonal   |
| Immunogen:            | Peptide sequence around site of Formyl-Lys (74) derived from Human Histone H1.2  |
| Formulation:          | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4   |
| Concentration:        | lot specific   |
| Purification:         | Antigen Affinity Purified  |
| Conjugation:          | Unconjugated   |
| Storage:              | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.  |
| Stability:            | 1 year from dispatch.  |
| Database Link:        | <a href="#">P16403</a>   |
| Background:           | Histone H1 protein binds to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin fiber. Histones H1 are necessary for the condensation of nucleosome chains into higher-order structured fibers. Acts also as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation (By similarity). |



[View online »](#)

## Product images:



Chromatin Immunoprecipitation HeLa ( $10^6$ , treated with 30mM sodium butyrate for 4h) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with 5 $\mu$ g anti-HIST1H1C (TA386669) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the  $\beta$ -Globin promoter.