

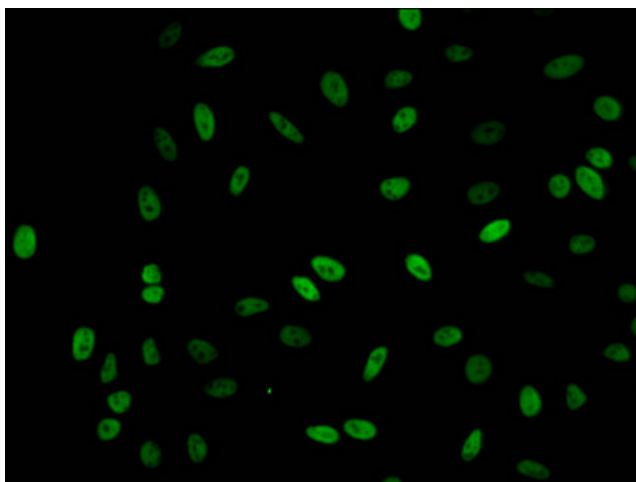
Product datasheet for **TA386641M**

H1-2 Rabbit Polyclonal Antibody

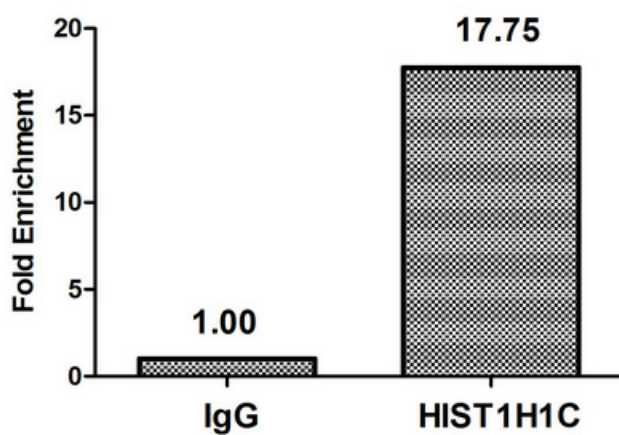
Product data:

| | |
|-----------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | ChIP, ICC, IF |
| Recommended Dilution: | Recommended dilution: ICC:1:20-1:200, IF:1:50-1:200 |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Peptide sequence around site of Acetyl-Lys (62) derived from Human Histone H1.2 |
| Formulation: | Preservative: 0.03% Proclin 300 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: | P16403 |
| 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). |

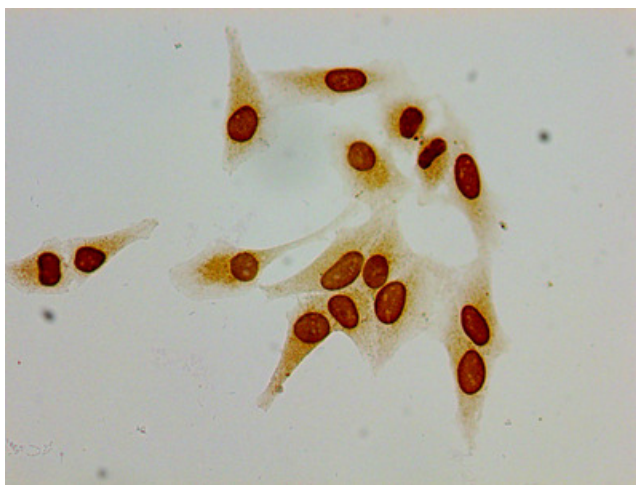
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Product images:

Immunofluorescent analysis of HeLa cells (sodium butyrate, 30 mM, 4h) using [TA386641] at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Chromatin Immunoprecipitation HeLa (4×10^6 , treated with 30mM sodium butyrate for 4h) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with 5 μ g anti-HIST1H1C ([TA386641]) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the β -Globin promoter.



Immunocytochemistry analysis of Hela cells using [TA386641] at dilution of 1:100