

# Di-methyl-HIST1H1E (K16) Antibody



PACO56614

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## Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, ICC, IF, CHIP

**Recommended dilutions:**

ELISA:1:2000-1:10000, ICC:1:20-1:200,  
IF:1:50-1:200

**Protein 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.

**Gene ID:**

HIST1H1E

**Uniprot**

P10412

**Synonyms:**

Histone H1.4 (Histone H1b) (Histone H1s-4), HIST1H1E, H1F4

**Immunogen:**

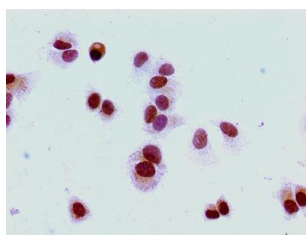
Peptide sequence around site of Di-methyl-Lys (16) derived from Human Histone H1.4.

**Storage:**

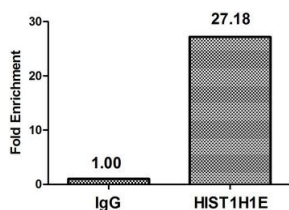
Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

## Product Images

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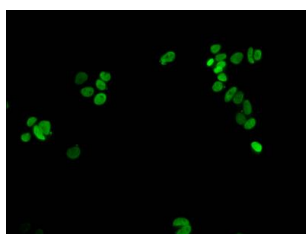


Immunocytochemistry analysis of MCF-7 cells using PACO56614 at dilution of 1:100.



Chromatin Immunoprecipitation HeLa ( $4 \times 10^6$ )

) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with  $5 \mu\text{g}$  anti-HIST1H1E (PACO56614) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the beta -Globin promoter.



Immunofluorescent analysis of MCF-7 cells using PACO56614 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).