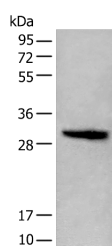


## HIST1H1C Polyclonal Antibody

|                     |   |                   |        |
|---------------------|---|-------------------|--------|
| <b>Catalog No.</b>  | E-AB-18229                                  | <b>Reactivity</b> | H      |
| <b>Storage</b>      | Store at -20°C. Avoid freeze / thaw cycles. | <b>Host</b>       | Rabbit |
| <b>Applications</b> | WB,ELISA                                    | <b>Isotype</b>    | IgG    |

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Images



Western blot analysis of Jurkat cell lysate using HIST1H1C Polyclonal Antibody at dilution of 1:400

### Immunogen Information

|                       |   |
|-----------------------|---|
| <b>Immunogen</b>      | Full length fusion protein  |
| <b>Gene Accession</b> | BC002649  |
| <b>Swissprot</b>      | P16403  |
| <b>Synonyms</b>       | H12,H1F2,H1s-1,HIST1H1C,Histone H1c,Histone H1d,Histone H1s-1,MGC3992 |

### Product Information

|                      |  |
|----------------------|--|
| <b>Calculated MW</b> | 21 kDa   |
| <b>Observed MW</b>   | Refer to figures                                       |
| <b>Buffer</b>        | PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol,pH7.4 |
| <b>Purify</b>        | Antigen affinity purification                          |
| <b>Dilution</b>      | WB 1:500-1:2000, ELISA 1:5000-1:10000                  |

### Background

Histones are basic nuclear proteins responsible for nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a member of the histone H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.