

HIST1H1C Polyclonal Antibody

Catalog Number:E-AB-18229



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

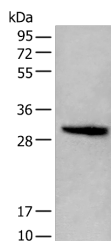
Description

| | |
|---------------------|--|
| Reactivity | Human |
| Immunogen | Full length fusion protein |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Antigen affinity purification |
| Conjugation | Unconjugated |
| Formulation | PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4 |

Applications Recommended Dilution

| | |
|--------------|----------------|
| WB | 1:500-1:2000 |
| ELISA | 1:5000-1:10000 |

Data



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

Observed MW:Refer to figures
Calculated Mw:21 kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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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Toll-free: 1-888-852-8623

Web: www.elabscience.com

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Email: techsupport@elabscience.com

Fax: 1-832-243-6017