

**HIST1H1C Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP9164c****Specification**

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**HIST1H1C Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P16403</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	21365
Antigen Region	105-131

**HIST1H1C Antibody (Center) - Additional Information****Gene ID** 3006**Other Names**

Histone H12, Histone H1c, Histone H1d, Histone H1s-1, HIST1H1C, H1F2

**Target/Specificity**

This HIST1H1C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 105-131 amino acids from the Central region of human HIST1H1C.

**Dilution**

WB~~1:2000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

HIST1H1C Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**HIST1H1C Antibody (Center) - Protein Information****Name** H1-2 ([HGNC:4716](#))

**Function** 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).

#### Cellular Location

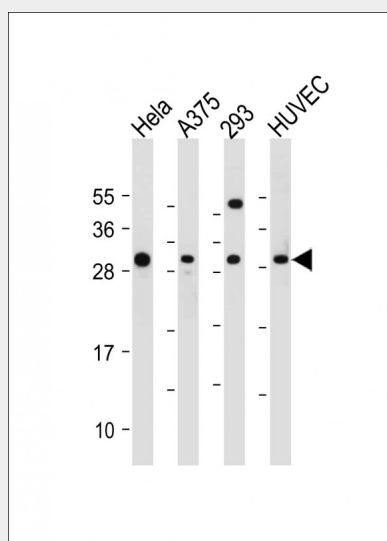
Nucleus. Chromosome. Note=Mainly localizes in euchromatin. Distribution goes in parallel with DNA concentration

### HIST1H1C Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### HIST1H1C Antibody (Center) - Images



All lanes : Anti-HIST1H1C Antibody (Center) at 1:2000 dilution Lane 1: HeLa whole cell lysate Lane 2: A375 whole cell lysate Lane 3: 293 whole cell lysate Lane 4: HUVEC whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 21 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

### HIST1H1C Antibody (Center) - Background

Histones H1 are necessary for the condensation of nucleosome chains into higher order structures.

### HIST1H1C Antibody (Center) - References

Mayya V., et.al., Sci. Signal. 2:RA46-RA46(2009).