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HIST1H1C Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP9164c

Specification

HIST1H1C Antibody (Center) Blocking Peptide - Product Information

Primary Accession P16403

HIST1H1C Antibody (Center) Blocking Peptide - Additional Information

Gene ID 3006

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

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP9164c was selected from the Center region of human HIST1H1C. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

HIST1H1C Antibody (Center) Blocking Peptide - 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. Also acts 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

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HIST1H1C Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

HIST1H1C Antibody (Center) Blocking Peptide - Images

HIST1H1C Antibody (Center) Blocking Peptide - Background

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

HIST1H1C Antibody (Center) Blocking Peptide - References

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