

**HIST1H1B Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP5231a****Specification**

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**HIST1H1B Antibody (N-term) Blocking peptide - Product Information**Primary Accession [P16401](#)**HIST1H1B Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 3009**Other Names**

Histone H15, Histone H1a, Histone H1b, Histone H1s-3, HIST1H1B, H1F5

**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.

**HIST1H1B Antibody (N-term) Blocking peptide - Protein Information****Name** H1-5 ([HGNC:4719](#))**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 with heterochromatin (PubMed:15911621). Associates with actively transcribed chromatin and not heterochromatin (PubMed:10997781)

**Tissue Location**

Ubiquitous. Expressed in the majority of the cell lines tested and in testis.

**HIST1H1B Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

## **HIST1H1B Antibody (N-term) Blocking peptide - Images**