

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

**HIST1H1B Antibody (N-term) Blocking peptide -
Product Information**Primary Accession [P16401](#)**HIST1H1B Antibody (N-term) Blocking peptide -
Additional Information**

Gene ID 3009

Other NamesHistone 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=According to PubMed:15911621 more commonly found in heterochromatin. According to PubMed:10997781 associates with actively transcribed chromatin and not heterochromatin

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](#)