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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 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