

**HIST1H2AG Blocking Peptide (Center)**  
**Synthetic peptide**  
**Catalog # BP20584c****Specification**

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**HIST1H2AG Blocking Peptide (Center) - Product Information**Primary Accession  
Other Accession[P0C0S8](#)  
[P84051](#), [P27661](#), [P16104](#), [Q7ZUY3](#), [A9UMV8](#),  
[Q8R1M2](#), [Q4R3X5](#), [Q9BTM1](#), [P70082](#), [Q3ZBX9](#),  
[Q00728](#), [P02263](#), [Q4FZT6](#), [Q8BFU2](#), [Q7L7L0](#),  
[P35062](#), [P04912](#), [Q64523](#), [Q16777](#), [A1A4R1](#),  
[Q64522](#), [Q8IUE6](#), [P0CC09](#), [Q6GSS7](#), [Q6FI13](#),  
[P04911](#), [P06897](#), [P02262](#), [P22752](#), [P0C0S9](#),  
[Q8CGP7](#), [Q99878](#)**HIST1H2AG Blocking Peptide (Center) - Additional Information****Gene ID** 8329;8330;8332;8336;8969**Other Names**

Histone H2A type 1, H2A1, Histone H2A/p, HIST1H2AG, H2AFP

**Target/Specificity**

The synthetic peptide sequence is selected from aa 73-87 of HUMAN HIST1H2AG

**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.

**HIST1H2AG Blocking Peptide (Center) - Protein Information****Name** H2AC11 ([HGNC:4737](#))**Synonyms** H2AFP, HIST1H2AG**Function**

Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

**Cellular Location**

Nucleus. Chromosome.

**HIST1H2AG Blocking Peptide (Center) - Protocols**

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

- [Blocking Peptides](#)

**HIST1H2AG Blocking Peptide (Center) - Images****HIST1H2AG Blocking Peptide (Center) - Background**

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**HIST1H2AG Blocking Peptide (Center) - References**

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Mannironi C.,et al.DNA Cell Biol. 13:161-170(1994).  
Marzluff W.F.,et al.Genomics 80:487-498(2002).