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HIST1H2AG Blocking Peptide (Center)

Synthetic peptide
Catalog # BP20584c

Specification

HIST1H2AG Blocking Peptide (Center) - Product Information

Primary Accession	P0C0S8
Other Accession	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.

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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

Albig W.,et al.Hum. Genet. 101:284-294(1997).
Albig W.,et al.Biol. Chem. 380:7-18(1999).
Dobner T.,et al.DNA Seq. 1:409-413(1991).
Mannironi C.,et al.DNA Cell Biol. 13:161-170(1994).
Marzluff W.F.,et al.Genomics 80:487-498(2002).