

**H1FX Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13731b****Specification**

---

**H1FX Antibody (C-term) Blocking peptide - Product Information**Primary Accession [Q92522](#)**H1FX Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 8971**Other Names**

Histone H1x, H1FX

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13731b was selected from the C-term region of H1FX. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**H1FX Antibody (C-term) Blocking peptide - Protein Information****Name** H1-10 ([HGNC:4722](#))**Function**

Histones H1 are necessary for the condensation of nucleosome chains into higher-order structures.

**Cellular Location**

Nucleus. Chromosome.

**Tissue Location**

Expressed ubiquitously.

**H1FX Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

#### **H1FX Antibody (C-term) Blocking peptide - Images**

#### **H1FX Antibody (C-term) Blocking peptide - Background**

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene encodes a member of the histone H1 family.

#### **H1FX Antibody (C-term) Blocking peptide - References**

Warneboldt, J., et al. BMC Cancer 8, 388 (2008) ; Stoldt, S., et al. Biol. Cell 99(10):541-552(2007) Takata, H., et al. FEBS Lett. 581(20):3783-3788(2007) Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007) Olsen, J.V., et al. Cell 127(3):635-648(2006)