

**H1FX Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP13731B****Specification**

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**H1FX Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O92522</a>
Other Accession	<a href="#">NP_006017.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	22487
Antigen Region	138-167

**H1FX Antibody (C-term) - Additional Information****Gene ID** 8971**Other Names**

Histone H1x, H1FX

**Target/Specificity**

This H1FX antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 138-167 amino acids from the C-terminal region of human H1FX.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

H1FX Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**H1FX Antibody (C-term) - 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.

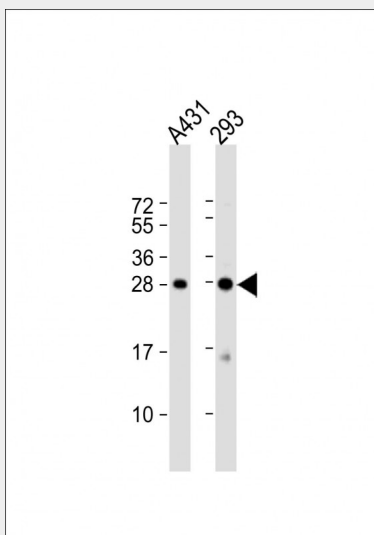
**Tissue Location**

Expressed ubiquitously.

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

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**H1FX Antibody (C-term) - Images**

All lanes : Anti-H1FX Antibody (C-term) at 1:1000 dilution Lane 1: A431 whole cell lysate Lane 2: 293 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 22 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

**H1FX Antibody (C-term) - 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) - 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)