

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

H1FX Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O92522
Other Accession	NP_006017.1
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

E~~Use at an assay dependent concentration.

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

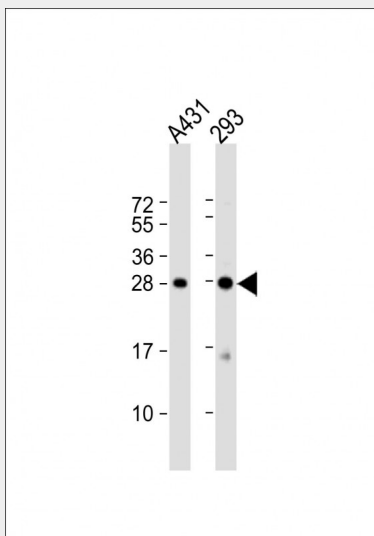
Expressed ubiquitously.

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% NFD/MTBST.

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)