

H1FNT Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14273**Specification**

H1FNT Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q75WM6
Other Accession	NM_181788 , NP_861453
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27kDa KDa

H1FNT Antibody - C-terminal region - Additional Information**Gene ID** 341567**Alias Symbol** **H1T2****Other Names**

Testis-specific H1 histone, Haploid germ cell-specific nuclear protein 1, Histone H1t2, H1FNT, HANP1

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-H1FNT antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

H1FNT Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

H1FNT Antibody - C-terminal region - Protein Information**Name** H1-7 ([HGNC:24893](#))**Function**

Essential for normal spermatogenesis and male fertility (PubMed:16533358). Required for proper cell restructuring and DNA condensation during the elongation phase of spermiogenesis. Involved in the histone-protamine transition of sperm chromatin and the subsequent production of functional sperm. Binds both double-stranded and single-stranded DNA, ATP and protamine-1.

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q8CJ14}. Chromosome {ECO:0000250|UniProtKB:Q8CJ14}.

Note=In round and elongating spermatids, specifically localizes to a chromatin domain at the apical pole. {ECO:0000250|UniProtKB:Q8CJ14}

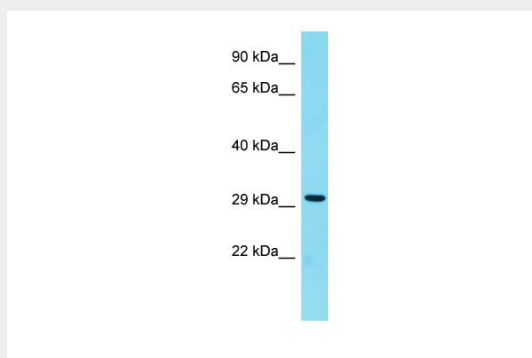
Tissue Location

Testis-specific..

H1FNT Antibody - C-terminal region - 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](#)

H1FNT Antibody - C-terminal region - Images

Host: Rabbit

Target Name: H1FNT

Sample Tissue: Esophagus Tumor lysates

Antibody Dilution: 1.0µg/ml

H1FNT Antibody - C-terminal region - References

Huang C.Q.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.

Scherer S.E.,et al.Nature 440:346-351(2006).

Tanaka H.,et al.Int. J. Androl. 29:353-359(2006).

Martianov I.,et al.Proc. Natl. Acad. Sci. U.S.A. 102:2808-2813(2005).