

HIST1H1T antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13684**Specification**

HIST1H1T antibody - middle region - Product Information

Application	WB
Primary Accession	P22492
Other Accession	NM_005323 , NP_005314
Reactivity	Human, Rabbit, Pig, Dog
Predicted	Human, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22kDa KDa

HIST1H1T antibody - middle region - Additional Information**Gene ID** 3010**Alias Symbol** H1FT, H1t, MGC163222, dj221C16.2**Other Names**

Histone H1t, Testicular H1 histone, HIST1H1T, H1FT, H1T

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-HIST1H1T 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

HIST1H1T antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

HIST1H1T antibody - middle region - Protein Information**Name** H1-6 ([HGNC:4720](#))**Function**

Testis-specific histone H1 that forms less compacted chromatin compared to other H1 histone subtypes (PubMed: <http://www.uniprot.org/citations/26757249> target="_blank">26757249). Formation of more relaxed chromatin may be required to promote chromatin architecture required for proper chromosome regulation during meiosis, such as homologous recombination (PubMed: <http://www.uniprot.org/citations/26757249> target="_blank">26757249). Histones H1 act as linkers that bind to nucleosomes and compact polynucleosomes into a higher-order chromatin configuration (Probable).

Cellular Location

Nucleus. Chromosome.

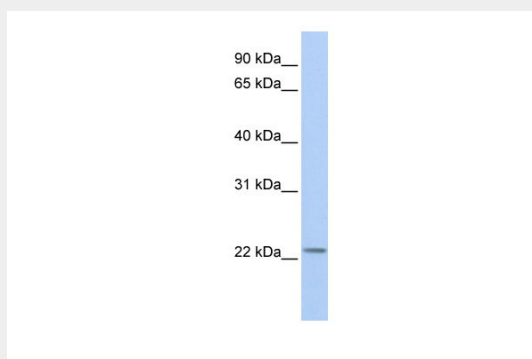
Tissue Location

Testis-specific.

HIST1H1T antibody - middle 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](#)

HIST1H1T antibody - middle region - Images

WB Suggested Anti-HIST1H1T Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:1562500

Positive Control: Human heart

HIST1H1T antibody - middle region - References

- Drabent B., et al. Gene 103:263-268(1991).
Koppel D.A., et al. J. Cell. Biochem. 54:219-230(1994).
Marzluff W.F., et al. Genomics 80:487-498(2002).