

HIST1H1T antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI13684

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	22019

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.

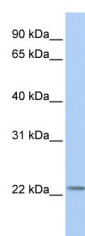
Protein Information

Name	H1-6 (HGNC:4720)
Function	Testis-specific histone H1 that forms less compacted chromatin compared to other H1 histone subtypes (PubMed: 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: 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.

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).

Images



WB Suggested Anti-HIST1H1T Antibody Titration: 0.2-1
µg/ml
ELISA Titer: 1:1562500
Positive Control: Human heart

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.