

Rabbit anti-Mouse, Rat Histone H1t Polyclonal Antibody | anti-H1t antibody

Histone H1t Rabbit pAb

CATALOG # AAA281975	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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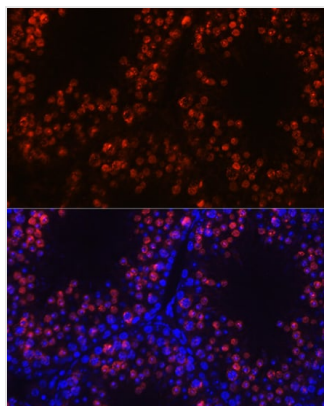
PRODUCT SYNONYMS

Histone H1t; Polyclonal Antibody; Histone H1t Rabbit pAb; H1.6; H1ft; H1t; anti-H1t antibody

PRODUCT SPECIFICATIONS

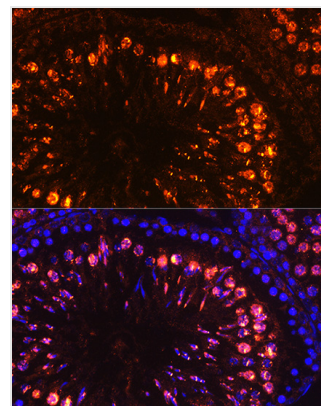
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-H1t antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide of Mouse Histone H1t
Positive Samples	Mouse testis, Rat testis
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



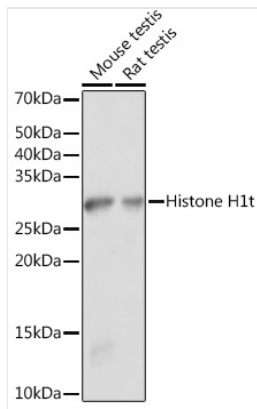
IF (Immunofluorescence)

Immunofluorescence analysis of mouse testis using Histone H1t Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of rat testis using Histone H1t Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using Histone H1t antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-H1t antibody	Background: Histones are basic nuclear proteins responsible for nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element [provided by RefSeq, Aug 2015]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	112807207
NCBI GeneID	107970
NCBI Accession #	NP_034507.2
NCBI GenBank Nucleotide #	NM_010377.3
UniProt Accession #	Q07133; Q0VEA3; Q8CGP8
Molecular Weight	21,540 Da
NCBI Official Full Name	histone H1t
NCBI Official Synonym Full Names	histone cluster 1, H1t
NCBI Official Symbol	Hist1h1t
NCBI Official Synonym Symbols	H1t; H1.6; H1ft
NCBI Protein Information	histone H1t
UniProt Protein Name	Histone H1t
UniProt Gene Name	Hist1h1t
UniProt Synonym Gene Names	H1ft; H1t
UniProt Entry Name	H1T_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

