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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54761_P050-HRP
Product Page	www.avivasysbio.com/hist1h1t-antibody-middle-region-hrp-arp54761-p050-hrp.html
Name	HIST1H1T Antibody - middle region : HRP (ARP54761_P050-HRP)
Protein Size (# AA)	207 amino acids
Molecular Weight	22kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	3010
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Histone cluster 1, H1t
Alias Symbols	H1t, H1.6, H1FT, HIST1H1T, dJ221C16.2
Peptide Sequence	Synthetic peptide located within the following region: KLSKKVIPKSTRSKAKKSVSATKTKLVLSRDSKSPKTAKTKRAKKPRAT
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Olsen, J.V., (2006) Cell 127 (3), 635-648
Description of Target	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. HIST1H1T is a member of the histone H1 family. 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 member of the histone H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6.
Protein Interactions	UBC; SUMO1; IRAK4; PRKCA; YWHAQ; POU5F1;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-HIST1H1T (ARP54761_P050-HRP) antibody
Blocking Peptide	For anti-HIST1H1T (ARP54761_P050-HRP) antibody is Catalog# AAP54761 (Previous Catalog# AAPP31556)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human HIST1H1T
Uniprot ID	P22492
Protein Name	Histone H1t
Protein Accession #	NP_005314
Purification	Affinity Purified
Nucleotide Accession #	NM_005323
Gene Symbol	HIST1H1T
Predicted Species Reactivity	Human, Dog, Pig, Rabbit

Application	WB
Predicted Homology Based on Immunogen Sequence	Dog: 92%; Human: 100%; Pig: 86%; Rabbit: 93%
Image 1	 A schematic diagram of a Y-shaped antibody molecule. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The N-termini of the light chains are at the tips of the two upper arms of the Y, representing the antigen-binding sites.

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Optimal conditions of its use should be determined by end users.

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