



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0


F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

| | |
|------------------------------|--|
| Product Number | ARP54761_P050-Biotin |
| Product Page | www.avivasysbio.com/hist1h1t-antibody-middle-region-biotin-arp54761-p050-biotin.html |
| Name | HIST1H1T Antibody - middle region : Biotin (ARP54761_P050-Biotin) |
| Protein Size (# AA) | 207 amino acids |
| Molecular Weight | 22kDa |
| Conjugation | Biotin |
| 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: KLSKKVIPKSTRSKAKKSVSATKTKLVLRSRDSKSPKTAKTKRAKKPRAT |
| Product Format | Liquid. Purified antibody supplied in 1x PBS buffer. |
| 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-Biotin) antibody |
| Blocking Peptide | For anti-HIST1H1T (ARP54761_P050-Biotin) 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 |  |

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

AVIVA SYSTEMS BIOLOGY
6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com