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Product datasheet for TA349340

Histone H1.2 (HIST1H1C) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 100-300 Positive control: Human thyroid cancer Predicted cell location: Nucleus
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human HIST1H1C
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glyceroln
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	histone cluster 1, H1c
Database Link:	NP_005310 Entrez Gene 3006 Human P16403
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 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.

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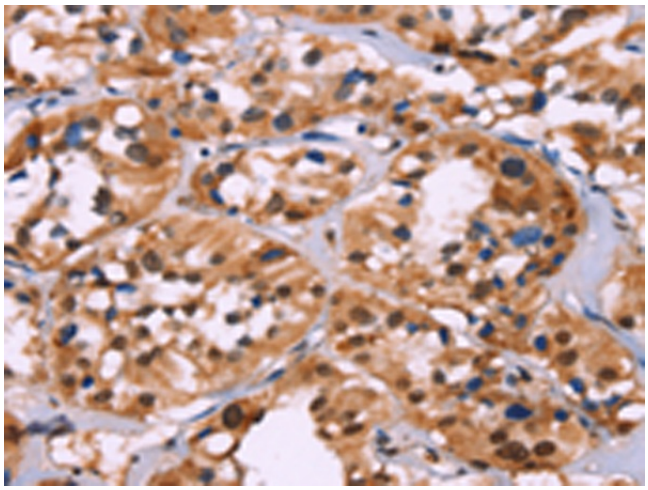
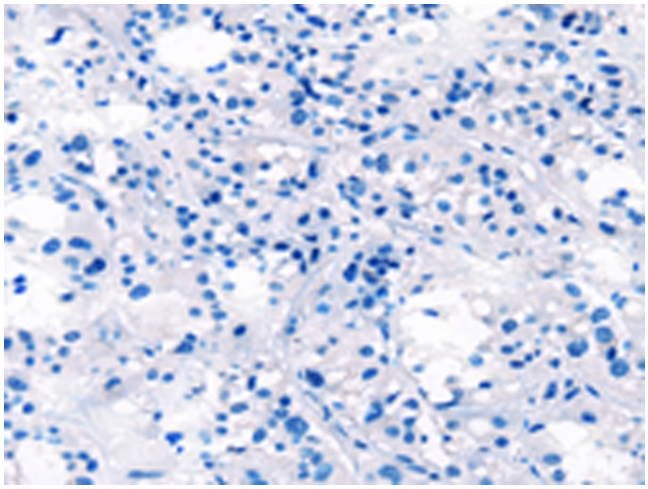
Synonyms: H1.2; H1C; H1F2; H1s-1

Product images:



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349340 (H1-2 Antibody) at dilution 1/70 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349340 (H1-2 Antibody) at dilution 1/70, treated with fusion protein. (Original magnification: ×200)