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Product datasheet for TA339277

Histone H1.2 (HIST1H1C) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	10k-ChIP, WB
Recommended Dilution:	WB, ChIP
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HIST1H1C antibody: synthetic peptide directed towards the middle region of human HIST1H1C. Synthetic peptide located within the following region: ASGSFKLNKKAASGEAKPKVKKAGGTKPKKPVGAAKKPKKAAGGATPKKS
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	21 kDa
Gene Name:	histone cluster 1, H1c
Database Link:	NP_005310 Entrez Gene 3006 Human P16403

View online »

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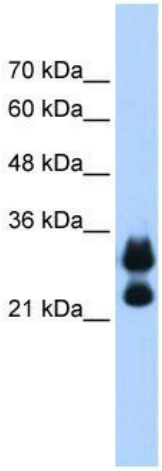
Background: Histones are basic nuclear proteins responsible for nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. 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. [provided by RefSeq, Jul 2008]

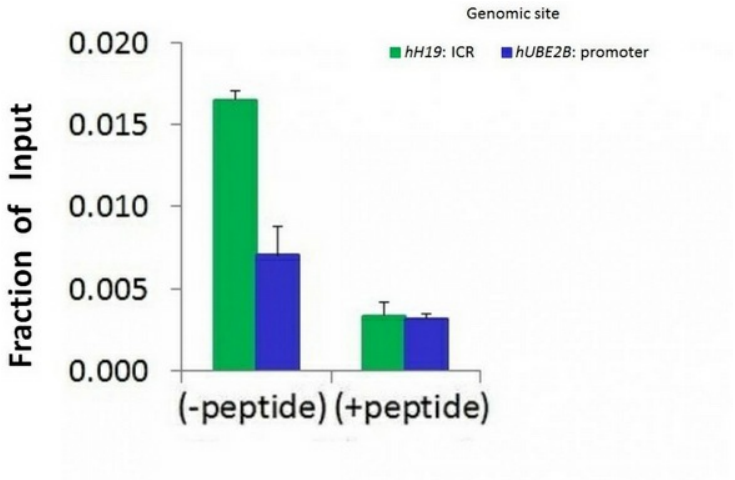
Synonyms: H1.2; H1C; H1F2; H1s-1

Note: Immunogen Sequence Homology: Human: 100%; Pig: 93%; Guinea pig: 93%; Dog: 86%; Rat: 86%; Horse: 86%; Mouse: 86%; Bovine: 86%; Rabbit: 85%

Product images:



WB Suggested Anti-HIST1H1C Antibody Titration: 0.2-1 ug/ml; Positive Control: 721_B cell lysate.HIST1H1C is supported by BioGPS gene expression data to be expressed in 721_B



Chromatin Immunoprecipitation (ChIP) Using HIST1H1C antibody - middle region and HCT116 Cells

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