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# Product datasheet for TA362323

# Histone H1.3 (HIST1H1D) Rabbit Polyclonal Antibody

## **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
lmmunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human HIST1H1D
Specificity:	Expected reactivity: Human
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:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	24 kDa
Gene Name:	histone cluster 1, H1d
Database Link:	<u>NP_005311.1</u> <u>Entrez Gene 3007 Human</u> <u>P16402</u>



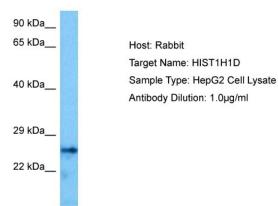
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#### Sourigene Histone H1.3 (HIST1H1D) Rabbit Polyclonal Antibody – TA362323

Background:Histones are basic nuclear proteins responsible for nucleosome structure of the<br/>chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A,<br/>H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped<br/>in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA<br/>between nucleosomes and functions in the compaction of chromatin into higher order<br/>structures. This gene is intronless and encodes a replication-dependent histone that is a<br/>member of the histone H1 family. Transcripts from this gene lack polyA tails but instead<br/>contain a palindromic termination element. This gene is found in the large histone gene<br/>cluster on chromosome 6.

Synonyms: H1.3; H1F3; MGC138176

### **Product images:**



Host: Rabbit Target Name: HIST1H1D Sample Tissue: Human HepG2 Whole Cell lysates Antibody Dilution: 1ug/ml

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