

Datasheet for ABIN5516865

anti-Histone H1.3 antibody (N-Term)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Histone H1.3 (HIST1H1D)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Histone H1.3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human HIST1H1D
Sequence:	ETAPLAPTIP APAEKTVPKK KAKKAGATAG KRKASGPPVS ELITKAVAAS
Predicted Reactivity:	Cow: 79%, Dog: 79%, Guinea Pig: 79%, Human: 100%, Mouse: 79%, Rabbit: 79%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against HIST1H1D. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Histone H1.3 (HIST1H1D)
Alternative Name:	HIST1H1D (HIST1H1D Products)

Target Details

Background:	<p>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.</p> <p>Alias Symbols: HIST1H1D, H1F3,</p> <p>Protein Interaction Partner: SUMO3, UBC, RNF2, FBXO6, TARDBP, ICAM1, CD81, IGSF8, TP63, VCAM1, ITGA4, FN1, UBD, YWHAZ, SIRT7, SUMO1, CDK4, CDK2, IRAK4, RAD21, PRKCA, HDGF, EBNA-LP, NOP56, YWHAQ, CDK1, EP300,</p> <p>Protein Size: 221</p>
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Gene ID:	3007
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NCBI Accession:	NP_005311
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UniProt:	P16402
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Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	-20 °C
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Handling

Storage Comment: 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.