

Rabbit HIST1H1C Polyclonal Antibody | anti-HIST1H1C antibody

HIST1H1C antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199667	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit	Western Blot, Chromatin Immunoprecipitation, Immunoprecipitation

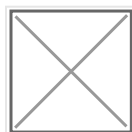
PRODUCT SYNONYMS

HIST1H1C; Polyclonal Antibody; HIST1H1C antibody - middle region; anti-HIST1H1C antibody

PRODUCT SPECIFICATIONS

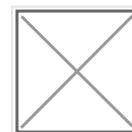
Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5mg/mL (varies by lot)
Sequence	Synthetic peptide located within the following region: AS GSFKLNKKAA SGEAKPKVKK AGGTPKKPKV GAAKKPKKAA GGATPKKS
Sequence Length	213
Applicable Applications for anti-HIST1H1C antibody	WB (Western Blot), ChIP (Chromatin immunoprecipitation)
Protein Size (#AA)	213 amino acids
Homology	Cow: 86%; Dog: 86%; Guinea Pig: 93%; Horse: 86%; Human: 100%; Mouse: 86%; Rabbit: 85%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human HIST1H1C
Protein Interactions	UBC; CEP250; ATRX; HIST1H3A; LEO1; PAF1; CUL4A; POLR2A; MDM2; ASB16; ASB9; SUZ12; EED; RNF2; APEH; SEC24D; TBCD; PARK2; VHL; UBD; ICAM1; CD81; IGSF8; EIF2AK2; ITGA4; IL7R; CSNK2A2; SMURF1; HIST1H2AD; H1FX; COPS5; CAND1; CUL1; CUL2; CUL3; CUL4B; CUL5; NEDD
Blocking Peptide	For anti-HIST1H1C antibody is Catalog #
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

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



IHC (Immunohistochemistry)

Rabbit Anti-HIST1H1C antibody
Formalin Fixed Paraffin Embedded Tissue: Human Testis
Primary antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20x
Exposure Time: 0.5-2.0sec

**IHC (Immunohistochemistry)**

Rabbit Anti-HIST1H1C antibody
Formalin Fixed Paraffin Embedded Tissue: Human Placenta
Primary antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20x
Exposure Time: 0.5-2.0sec

**ChIP (Chromatin Immunoprecipitation)**

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

ADDITIONAL INFORMATION**Related Product Information for anti-HIST1H1C antibody**

This is a rabbit polyclonal antibody against HIST1H1C. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: 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. 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. **Publication Note:** This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Product Categories/Family for anti-HIST1H1C antibody

[Polyclonal](#); [Chromatin & Nuclear Signaling](#); [Epigenetics](#); [Chromatin Immunoprecipitation](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885375
NCBI GeneID	3006
NCBI Accession #	NP_005310
NCBI GenBank Nucleotide #	NM_005319
UniProt Accession #	P16403
Molecular Weight	21kDa
NCBI Official Full Name	histone H1.2
NCBI Official Synonym Full Names	histone cluster 1 H1 family member c
NCBI Official Symbol	HIST1H1C
NCBI Official Synonym Symbols	H1C; H1.2; H1F2; H1s-1
NCBI Protein Information	histone H1.2
UniProt Protein Name	Histone H1.2
UniProt Gene Name	HIST1H1C
UniProt Synonym Gene Names	H1F2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.