

Rabbit anti-Human Acetyl-Histone H2B-K20 Polyclonal Antibody | anti-H2BC21 antibody

Acetyl-Histone H2B-K20 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283347	Rabbit	Human	Chromatin Immunoprecipitation, Immunoprecipitation, ELISA, Western Blot

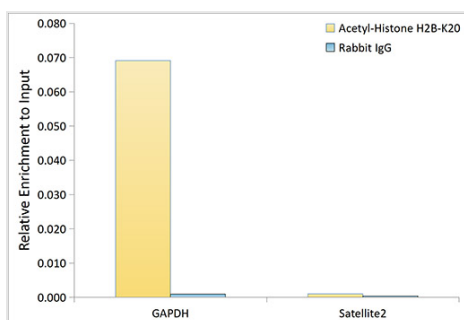
PRODUCT SYNONYMS

Acetyl-Histone H2B-K20; Polyclonal Antibody; Acetyl-Histone H2B-K20 Rabbit pAb; H2B; H2BE; H2BQ; GL105; H2B.1; H2BFQ; H2BGL105; H2B-GL105; HIST2H2BE; anti-H2BC21 antibody

PRODUCT SPECIFICATIONS

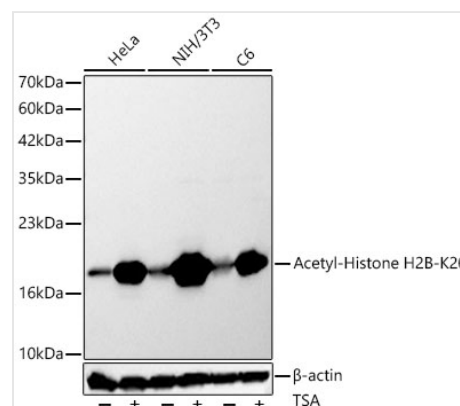
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Applicable Applications for anti-H2BC21 antibody	ChIP (Chromatin immunoprecipitation), ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic acetylated peptide around K20 of human Histone H2B (NP_003519.1).
Modification	Acetyl K20
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



ChIP (Chromatin Immunoprecipitation)

Chromatin immunoprecipitation was performed with cross-linked chromatin from 293F cells, using Acetyl-Histone H2B-K20 Rabbit pAb (AAA283347) and rabbit IgG (AC005). The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram compares the ratio of the immunoprecipitated DNA versus the input.



WB (Western Blot)

Western blot analysis of various lysates using Acetyl-Histone H2B-K20 Rabbit pAb (AAA283347) at 1:500 dilution. HeLa cells, NIH/3T3 cells and C6 cells were treated by TSA (1 uM) at 37° for 18 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 20s.

ADDITIONAL INFORMATION

Related Product Information for anti-H2BC21 antibody	Histones are basic nuclear proteins that are responsible for the 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 encodes a replication-dependent histone that is a member of the histone H2B family, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif. The protein has antibacterial and antifungal antimicrobial activity.
Product Categories/Family for anti-H2BC21 antibody	Epigenetics Nuclear Signaling ; Acetylated Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504265
NCBI GeneID	3017/8349
NCBI Accession #	NP_003513.1
NCBI GenBank Nucleotide #	NM_003522.3
UniProt Accession #	P62807 ; Q16778
Molecular Weight	Calculated MW: 14kDa Observed MW: 17kDa
UniProt Protein Name	Histone H2B type 1-C/E/F/G/I
UniProt Gene Name	HIST1H2BC
UniProt Synonym Gene Names	H2BFL; H2B/a; H2B/g; H2B/h; H2B/k; H2B/l
UniProt Entry Name	H2B1C_HUMAN

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/acetyl-histone-h2b-k20-antibody-chromatin-immunoprecipitation-western-blot-elisa/283347>