

Rabbit anti-Human Acetyl-Histone H2B Polyclonal Antibody | anti-HIST1H2BC antibody

Acetyl-Histone H2B (K120) Antibody

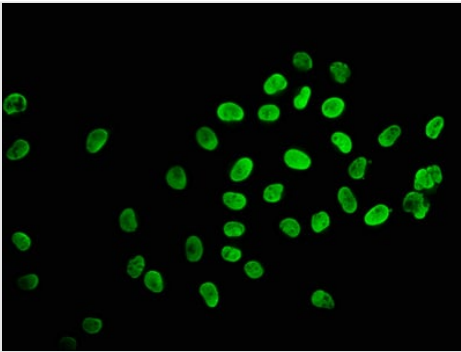
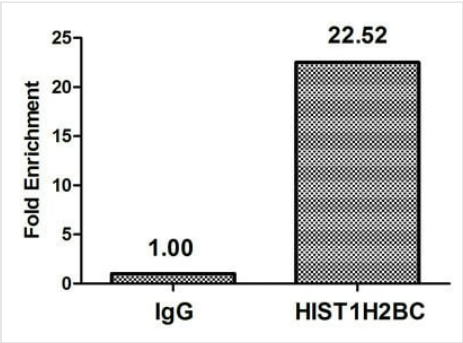
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA235317	Rabbit	Human	Chromatin Immunoprecipitation, Immunoprecipitation, Immunofluorescence, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

Acetyl-Histone H2B; Polyclonal Antibody; Acetyl-Histone H2B (K120) Antibody; Histone H2B type 1-C/E/F/G/I; Histone H2B.1 A; Histone H2B.a; H2B/a; Histone H2B.g; H2B/g; Histone H2B.h; H2B/h; Histone H2B.k; H2B/k; Histone H2B.l; H2B/l; HIST1H2BC; HIST1H2BE; HIST1H2BF; HIST1H2BG; HIST1H2BI; H2BFL; H2BFH; H2BFG; H2BFA; H2BFK; anti-HIST1H2BC antibody

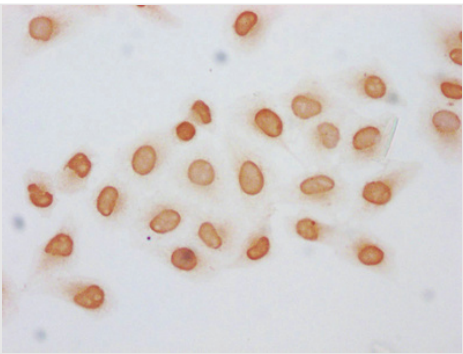
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	126
Applicable Applications for anti-HIST1H2BC antibody	ChIP (Chromatin immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Immunogen Species	Human
Immunogen	Peptide sequence around site of acetyl-Lys (120) derived from Human Histone H2B type 1-C/E/F/G/I
Conjugate	Non-Conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.



ChIP (Chromatin Immunoprecipitation)
Chromatin Immunoprecipitation HeLa (106, treated with 30mM sodium butyrate for 4h) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with 5ug anti-HIST1H2BC (CSB-PA010403OA120acHU) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the beta-Globin promoter.

IF (Immunofluorescence)
Immunofluorescence staining of HeLa cells (treated with 30mM sodium butyrate for 4h) with CSB-PA010403OA120acHU at 1:2.5, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



ICC (Immunocytochemistry)
Immunocytochemistry analysis of CSB-PA010403OA120acHU diluted at 1:5 and staining in HeLa cells (treated with 30mM sodium butyrate for 4h) performed on a Leica Bond™ system. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Product Categories/Family for anti-HIST1H2BC antibody	Epigenetics and Nuclear Signaling
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504257
NCBI GeneID	8339
NCBI Accession #	NP_003509.1
NCBI GenBank Nucleotide #	NM_003518.3
UniProt Accession #	P62807; P02278; Q3B872; Q4VB69; Q93078; Q93080
Molecular Weight	13,906 Da
NCBI Official Full Name	histone H2B type 1-C/E/F/G/I
NCBI Official Synonym Full Names	histone cluster 1 H2B family member g
NCBI Official Symbol	HIST1H2BG

NCBI Official Synonym Symbols	H2B/a; H2BFA; H2B.1A; dJ221C16.8
NCBI Protein Information	histone H2B type 1-C/E/F/G/I
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

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-antibody-chromatin-immunoprecipitation-immunofluorescence-immunocytochemistry-elisa/235317>