

Anti-Histone H2B (acetyl K20) HIST1H2BB Rabbit Monoclonal Antibody

Catalog # ABO14303

Product Information

Application	WB, IHC, IF, ICC, IP, FC
Primary Accession	P33778
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Histone H2B (acetyl K20) HIST1H2BB Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

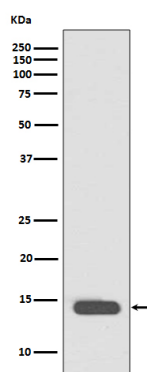
Additional Information

Gene ID	3018
Other Names	Histone H2B type 1-B, H2B-clustered histone 3 {ECO:0000312 HGNC:HGNC:4751}, Histone H2B.1, Histone H2B.f, H2B/f, H2BC3 (HGNC:4751)
Calculated MW	13950
Application Details	WB 1:5000-1:20000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:10 FC 1:10
Subcellular Localization	Nucleus. Chromosome.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: AC-8
Immunogen	A synthesized peptide derived from human Histone H2B
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

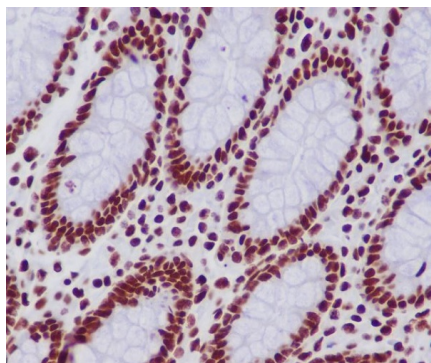
Protein Information

Name	H2BC3 (HGNC:4751)
Function	Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.
Cellular Location	Nucleus. Chromosome.

Images



Western blot analysis of Histone H2B (acetyl K20) expression in HeLa cell treated with TSA lysate.



Immunohistochemical analysis of paraffin-embedded human colon, using Histone H2B (acetyl K20) Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.