

Anti-Histone H2B (acetyl K20) HIST1H2BB Rabbit Monoclonal Antibody
Catalog # ABO14303**Specification****Anti-Histone H2B (acetyl K20) HIST1H2BB Rabbit Monoclonal Antibody - 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.

Anti-Histone H2B (acetyl K20) HIST1H2BB Rabbit Monoclonal Antibody - 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 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=4751)

Calculated MW

13950 MW KDa

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.

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.

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.

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

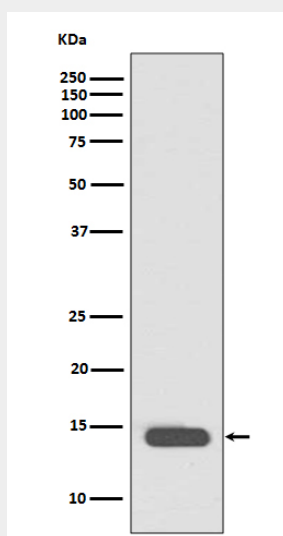
Nucleus. Chromosome.

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

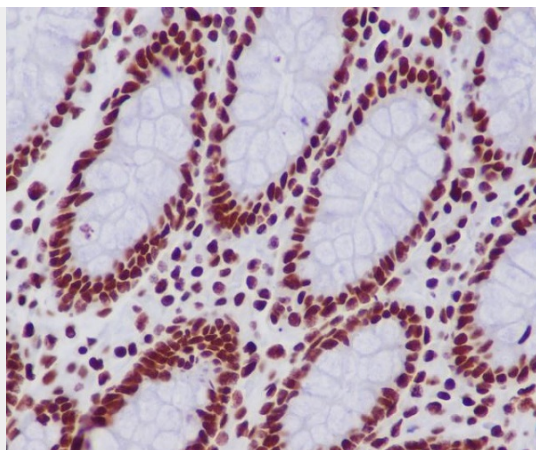
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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