10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Histone H2B (acetyl K20) Antibody

Rabbit mAb
Catalog # AP90761

Product Information

Application	WB, IHC, IF, FC, ICC, IP, IHF
Primary Accession	P33778
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	H2B 1A; H2B; H2B histone family; H2B2f; H2Ba; H2Bf; HIST2H2BF; histone H2B; histone H2B type 1; Histone H2B type 2-F;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	13950

Additional Information

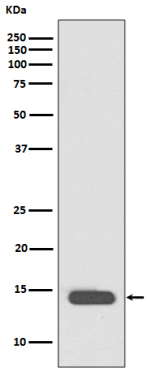
Dilution	WB 1:5000~1:20000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:10 FC 1:10 ChIP
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Histone H2B
Description	Belongs to the histone H2B family. Play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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.

Image not found : 202311/AP90761-IHC.jpg

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