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Anti-Histone H2B (formyl K120) Rabbit Monoclonal Antibody

Catalog # ABO16127

Product Information

Application	WB, IHC
Primary Accession	Q16778
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Histone H2B (formyl K120) Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	8349
Other Names	Histone H2B type 2-E, H2B-clustered histone 21 {ECO:0000312|HGNC:HGNC:4760}, Histone H2B-GL105, Histone H2B.q, H2B/q, H2BC21 (HGNC:4760)
Calculated MW	13920
Application Details	WB 1:500-1:2000 IHC 1:50-1:200
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: 27H06
Immunogen	A synthesized peptide derived from human Histone H2B (formyl K120)
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.

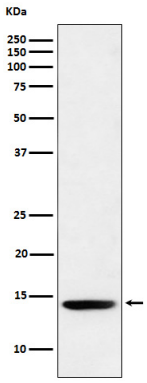
Protein Information

Name	H2BC21 (HGNC:4760)
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 (formyl K120) expression in Hela cell lysate.