

Anti-Histone H2B (mono methyl K116) Rabbit Monoclonal Antibody

Catalog # ABO16128

Product Information

Application	WB, IHC, IF, ICC
Primary Accession	Q16778
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Histone H2B (mono methyl K116) Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF 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 ICC/IF 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: 27H07
Immunogen	A synthesized peptide derived from human Histone H2B (mono methyl K116)
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)
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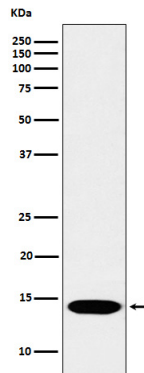
Function

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 (mono methyl K116) expression in HeLa cell lysate.

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