10320 Camino Santa Fe, Suite G
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Anti-Histone H2B (formyl K120) Rabbit Monoclonal Antibody

Catalog # ABO16127

Specification

Anti-Histone H2B (formyl K120) Rabbit Monoclonal Antibody - 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.

Anti-Histone H2B (formyl K120) Rabbit Monoclonal Antibody - 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
14 kDa KDa

Application Details
WB 1:500-1:2000
IHC 1:50-1:200

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 (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.**

Anti-Histone H2B (formyl K120) Rabbit Monoclonal Antibody - Protein Information

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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.

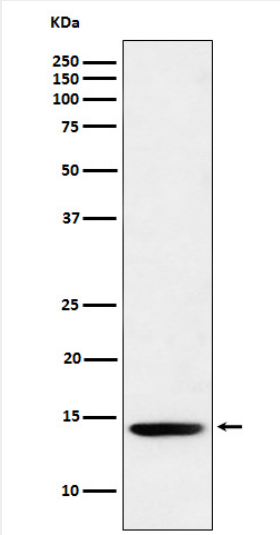
Cellular Location
Nucleus. Chromosome.

Anti-Histone H2B (formyl K120) 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 Cytomety
- Cell Culture

Anti-Histone H2B (formyl K120) Rabbit Monoclonal Antibody - Images



Western blot analysis of Histone H2B (formyl K120) expression in Hela cell lysate.