

Product Name: Acetyl-Histone H2B(Lys16) Rabbit Monoclonal Antibody**Catalog #: AMRe84169**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ICC,IP
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Acetylated
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200,IP 1:20-1:50
Molecular Weight	14 kDa

Antigen Information

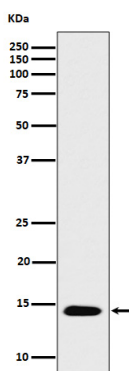
Gene Name	Histone H2B(acetylK16)
Alternative Names	Histone H2B type 1-H; Histone H2B.j; H2B/j; HIST1H2BH; H2BFJ;;Acetyl-Histone H2B type 2E (K16)
Gene ID	
SwissProt ID	Q16778
Immunogen	A synthesized peptide derived from human Histone H2B type 2E around the acetylation site of K16

Background

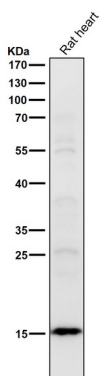
Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

Research Area

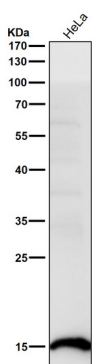
Image Data



Western blot analysis of Histone H2B (acetyl K16) expression in HeLa treated with Trichostatin A cell lysate.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



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