

Anti-Histone H2A (acetyl K9) HIST1H2AB Monoclonal Antibody

Catalog # ABO14367

Product Information

Application	WB, IHC, IF, ICC
Primary Accession	P04908
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Histone H2A (acetyl K9) HIST1H2AB Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

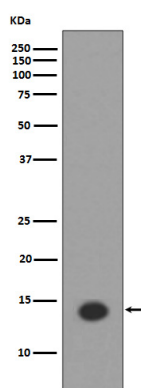
Additional Information

Gene ID	3012;8335
Other Names	Histone H2A type 1-B/E, Histone H2A.2, Histone H2A/a, Histone H2A/m, H2AC4 (HGNC:4734)
Calculated MW	14135
Application Details	WB 1:500-1:2000 IHC 1:500-1:1000 ICC/IF 1:500-1:1000
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 Immunogen	Clone: DEB-8 A synthesized peptide derived from human Histone H2A (acetyl K9) 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.
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.

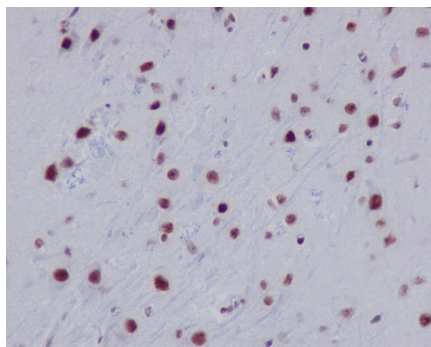
Protein Information

Name	H2AC4 (HGNC:4734)
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 H2A (acetyl K9) expression in HeLa cell lysate treated Trichostatin A.



Immunohistochemical analysis of paraffin-embedded mouse brain, using Histone H2A (acetyl K9) Antibody.

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