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Anti-Histone H2A (hydroxyl Y39) HIST1H2AB Rabbit Monoclonal Antibody

Catalog # ABO14311

Product Information

Application	WB, IHC
Primary Accession	P04908
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Histone H2A (hydroxyl Y39) HIST1H2AB Rabbit Monoclonal Antibody . Tested in WB, IHC 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 1:500-1:2000
Subcellular Localization	Nucleus. Chromosome.
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: DED-8
Immunogen	A synthesized peptide derived from human Histone H2A (hydroxyl Y39)
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.

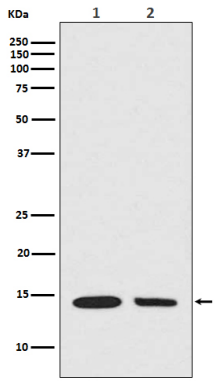
Protein Information

Name	H2AC4 (HGNC:4734)

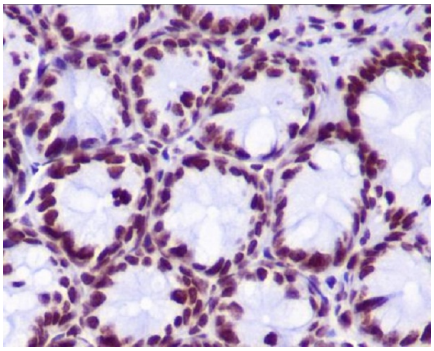
Function Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA 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 Calreticulin expression in (1) NIH/3T3 cell lysate; (2) A549 cell lysate.



Immunohistochemical analysis of paraffin-embedded mouse colon, using Histone H2A (hydroxyl Y39) Antibody.