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Histone H2A (mono methyl K118) Antibody

Rabbit mAb
Catalog # AP93189

Product Information

Application	WB, IHC, IF, ICC, IHF
Primary Accession	P04908
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	H2A.1; H2A.2; H2A/a; H2A/m; H2A/q; H2A1B; H2AFA; H2AFE; H2AFL; H2AFM; H2AFO; H2AFQ; HIST1H2AE; HIST1H2AJ; HIST2H2AA; HIST2H2AA3; HIST2H2AB; HIST2H2AC;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	14135

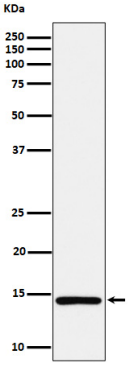
Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Histone H2A (mono methyl K118)
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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 (mono methyl K118) expression in HeLa cell lysate.