

Product Datasheet

Histone H2A Antibody



Catalog No: CY5481

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF

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Information

UniProt ID: P04908/P0C0S8/P20671/Q16777/Q6FI13/Q7L7L0/Q8IUE6/Q93077/Q96KK5/Q96QV6/Q99878

All Names: H2A.1; H2A.2; H2A/a; H2A/m; H2A/q; H2A1B; H2AFA; H2AFE; H2AFL; H2AFM; H2AFO; H2AFQ; HIST1H2AE; HIST1H2AJ; HIST2H2AA; HIST2H2AA3; HIST2H2AB; HIST2H2AC;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 14 kDa

Application

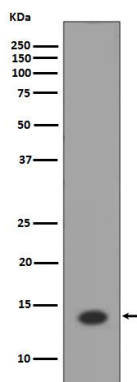
WB: 1:1000~1:5000

IHC: 1:50~1:200

ICC/IF: 1:50~1:200

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.



Western blot analysis of Histone H2A expression in HeLa cell lysate.

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