

Product Datasheet

Histone H2A (hydroxyl Y39) Antibody



Catalog No: CY5474

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC

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Information

UniProt ID: P04908

All Names: FLJ92027; H2A histone family, member C; H2A.1; H2A/c; H2A1; H2AFC; H2AFD; H2AFI; H2AFN; H2AFP; HIST1H2AG; HIST1H2AI; HIST1H2AK; HIST1H2AL; HIST1H2AM; histone cluster 1, H2ai; Histone H2A type 1; Histone H2A/p;

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

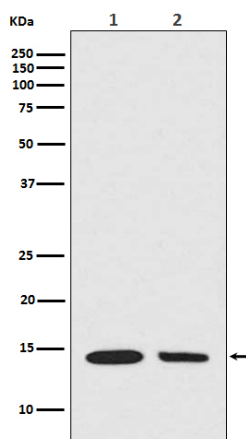
Application

WB: 1:500~1:2000

IHC: 1:500~1:2000

Background

H2A.1 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.



Western blot analysis of Histone H2A expression in (1) NIH/3T3 cell lysate; (2) A549 cell lysate.

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