

Product Name: Phospho-Histone H2A (Ser129) Rabbit Polyclonal Antibody
Catalog #: APRab00687

Summary

Production Name	Phospho-Histone H2A (Ser129) Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Immunogen

Gene Name	HTA2
Alternative Names	FLJ92027; H2A histone family; member C; H2A.1; H2A/c; H2A1; H2AFC; H2AFD; H2AFI; H2AFN; H2AFP; HIST1H2AG; HIST1H2AI; HIST1H2AK; HIST1H2AL; HIST1H2AM
Gene ID	852283.0
SwissProt ID	P04912

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 14 kDa; Observed MW: 14 kDa

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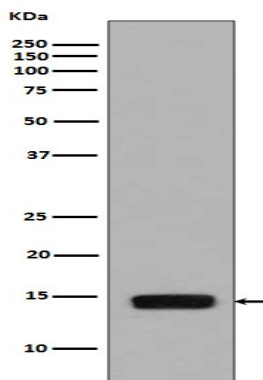
Background

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.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of Phospho-Histone H2A (S129) in *Saccharomyces cerevisiae* lysates treated with Methyl methanesulfonate using Phospho-Histone H2A (Ser129) antibody.

Note

For research use only.