

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

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Application

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

Antigen Information

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
Immunogen	A synthetic Phosphorylated peptide corresponding to residues target protein

Background

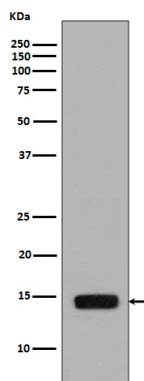
H2A.1 Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the

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.