

Summary

Production Name	Histone H2A Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-P,ICC/IF
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
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	H2AC4
Alternative Names	HIST1H2AB; Histone H2A type 1-B/E; Histone H2A.2; Histone H2A/a; Histone H2A/m;
	H2AFM
Gene ID	3012
SwissProt ID	P04908

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200
Molecular Weight	Calculated MW: 14 kDa; Observed MW: 14 kDa

Product Name: Histone H2A Rabbit Polyclonal Antibody
Catalog #: APRab00051



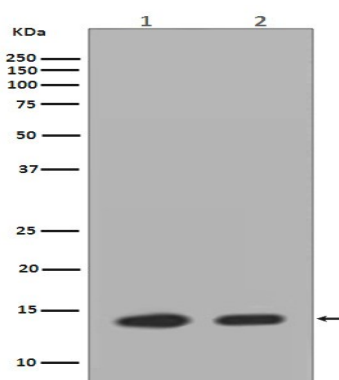
Background

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.

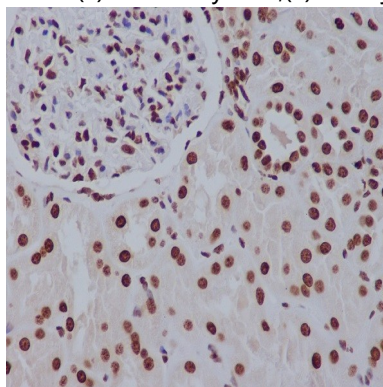
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of Histone H2A.Z in (1) Neuro2a lysates; (2) HeLa lysates using Histone H2A antibody.



Immunohistochemistry analysis of paraffin-embedded Human kidney using Histone H2A.Z antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.