

Product Name: Histone H1.0 Rabbit Polyclonal Antibody**Catalog #: APRab00112**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
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,IHC 1:50-1:100,ICC/IF 1:50-1:200
Molecular Weight	Calculated MW: 21 kDa; Observed MW: 28 kDa

Antigen Information

Gene Name	H1-0
Alternative Names	Histone H1.0; Histone H1(0); Histone H1.0; N-terminally processed; H1F0; H1FV; Histone H5
Gene ID	3005
SwissProt ID	P07305
Immunogen	A synthetic peptide of human Histone H1.0

Background

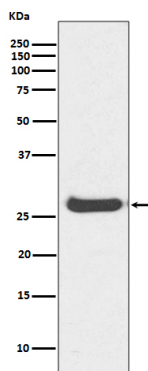
Histone H1.0 is a lysine rich member of the H1 family of linker histones. The H1 family of proteins interacts with linker DNA between nucleosomes and mediates compaction into higher order chromatin. Histones H1 are necessary for the condensation

of nucleosome chains into higher-order structures. The H1F0 histones are found in cells that are in terminal stages of differentiation or that have low rates of cell division.

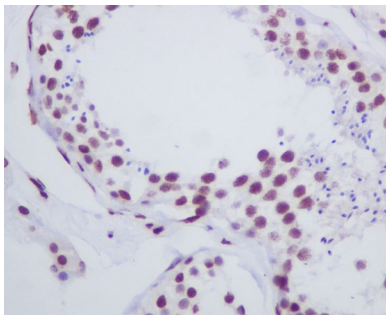
Research Area

Epigenetics and Nuclear Signaling

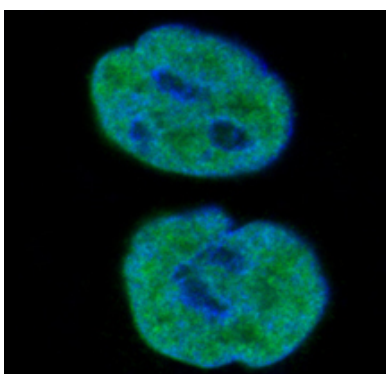
Image Data



Western blot analysis of Histone H1.0 in Human kidney lysates using Histone H1.0 antibody.



Immunohistochemistry analysis of paraffin-embedded Human testis using Histone H1.0 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunofluorescence analysis of Histone H1.0 in HepG2 using Histone H1.0 antibody.