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

## Summary

| | |
|---|---|
| **Production Name** | Histone H1.0 Rabbit Polyclonal Antibody |
| **Description** | Rabbit Polyclonal Antibody |
| **Host** | Rabbit |
| **Application** | WB,IHC-P,ICC/IF |
| **Reactivity** | Human,Mouse,Rat |

## Performance

| | |
|---|---|
| **Conjugation** | Unconjugated |
| **Modification** | Unmodified |
| **Isotype** | IgG |
| **Clonality** | Polyclonal |
| **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** | 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. |

## Application

| | |
|---|---|
| **Dilution Ratio** | WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200 |
| **Molecular Weight** | Calculated MW: 21 kDa; Observed MW: 28 kDa |

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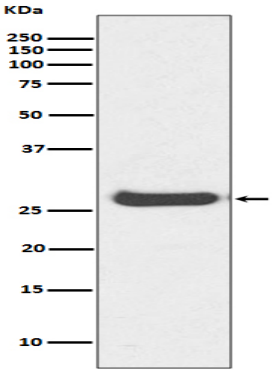
## Background

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.

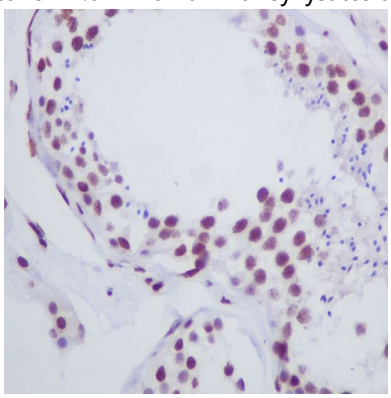
## Research Area

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.

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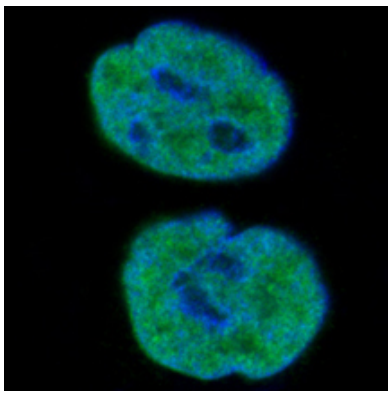

Immunofluorescence analysis of Histone H1.0 in HepG2 using Histone H1.0 antibody.

## Note

For research use only.