

# Histone H1.0 Antibody

Rabbit mAb

Catalog # AP90851

## Product Information

<b>Application</b>	WB, IHC, IF, ICC, IHF
<b>Primary Accession</b>	<a href="#">P07305</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	Histone H1.0; Histone H1(0); Histone H1.0, N-terminally processed; H1F0; H1FV; Histone H5;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	20863

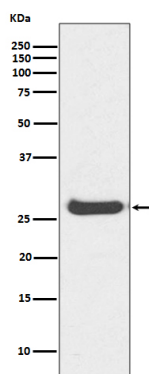
## Additional Information

<b>Dilution</b>	WB 1:1000~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human Histone H1.0
<b>Description</b>	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.
<b>Storage Condition and Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

## Protein Information

<b>Name</b>	H1-0 ( <a href="#">HGNC:4714</a> )
<b>Function</b>	Histones H1 are necessary for the condensation of nucleosome chains into higher-order structures. The histones H1.0 are found in cells that are in terminal stages of differentiation or that have low rates of cell division.
<b>Cellular Location</b>	Nucleus {ECO:0000255   PROSITE-ProRule:PRU00837, ECO:0000269   PubMed:18993075}. Chromosome {ECO:0000255   PROSITE-ProRule:PRU00837, ECO:0000269   PubMed:18993075}. Note=The RNA edited version has been localized to nuclear speckles. During mitosis, it appears in the vicinity of condensed chromosomes

## Images



Western blot analysis of Histone H1.0 expression in Human kidney lysate.

Image not found : 202311/AP90851-IHC.jpg

Immunohistochemical analysis of paraffin-embedded human testis, using Histone H1.0 Antibody.

Image not found : 202311/AP90851-IF.jpg

Immunofluorescent analysis of HepG2 cells, using Histone H1.0 Antibody.

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