

# [KO Validated] Histone H1.0 Rabbit Polyclonal Antibody

CAB3298



## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

30kDa

### Calculated MW:

19kDa/20kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse, Rat

## Protein Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-independent histone that is a member of the histone H1 family.

## Immunogen information

### Gene ID:

3005

### Uniprot

P07305

### Synonyms:

H1F0; H10; H1FV; histone H1.0

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:1000 IHC 1:50  
- 1:200 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

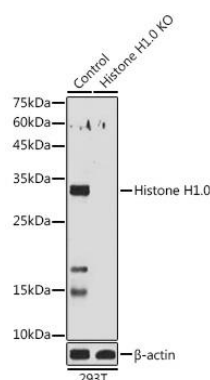
Recombinant fusion protein containing a sequence corresponding to amino acids 1-105 of human H1F0 (NP\_005309.1).

### Storage:

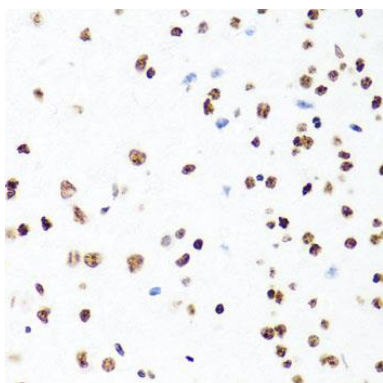
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

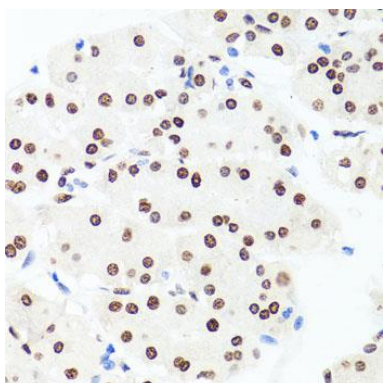
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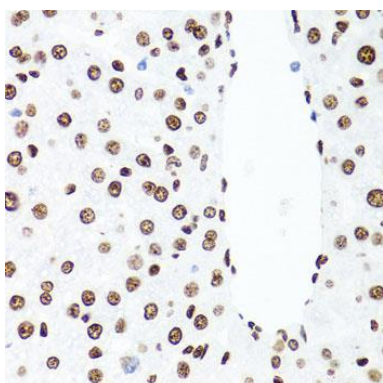
Western blot analysis of extracts of 293T cells, using Histone H1.0 antibody (CAB3298) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 180s.



Immunohistochemistry of paraffin-embedded mouse brain using Histone H1.0 antibody (CAB3298) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using Histone H1.0 antibody (CAB3298) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat liver using Histone H1.0 antibody (CAB3298) at dilution of 1:100 (40x lens).