
Product Name: Histone H1.0 Rabbit Monoclonal antibody**Catalog #: AMRe02082**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Rat,Hamster
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.15mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight	Calculated MW: 21 kDa; Observed MW: 30 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

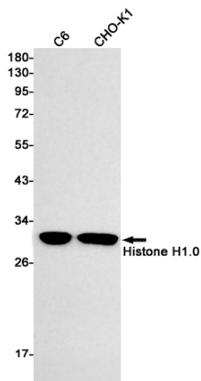
Histone H1.0 is a lysine rich member of the H1 family of linker histones. The H1 family of proteins interacts with linker DNA between nucleosomes and mediates compaction into higher order chromatin. Histones H1 are necessary for the condensation

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.

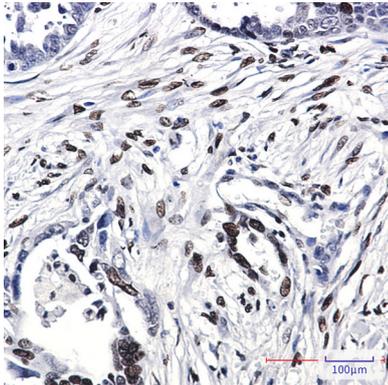
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of Histone H1.0 in C6, CHO-K1 lysates using Histone H1.0 antibody.



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