Product Name: **Histone H1.3 Rabbit Monoclonal antibody**
Catalog #: **AMRe02084**
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.12mg/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,ICC/IF 1:50-1:200
Molecular Weight	Calculated MW: 22 kDa; Observed MW: 30 kDa

Antigen Information

Gene Name	H1-3
Alternative Names	Histone H1c; Histone H1s-2
Gene ID	3007
SwissProt ID	P16402
Immunogen	A synthetic peptide of human Histone H1.3

Background

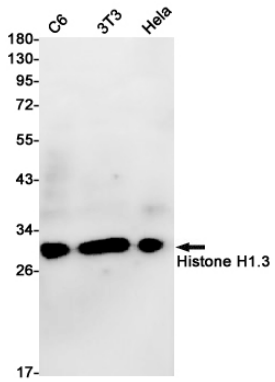
Histone H1 protein binds to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin fiber. Histones H1 are necessary for the condensation of nucleosome chains into higher-order structured fibers. Acts also as a

regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation .

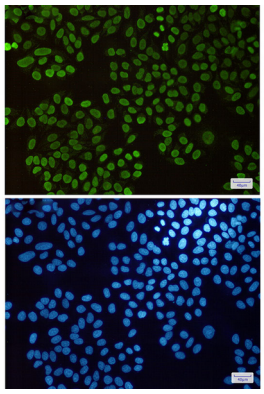
Research Area

Epigenetics and Nuclear Signaling

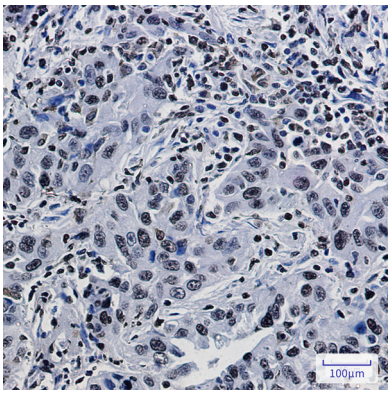
Image Data



Western blot analysis of Histone H1.3 in C6, 3T3, Hela lysates using Histone H1.3 antibody.



Immunocytochemistry analysis of Histone H1.3(green) in Hela using Histone H1.3 antibody,and DAPI(blue)



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Histone H1.3 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.