

Product Name: Histone H1.3 Rabbit Monoclonal Antibody
Catalog #: AMRe85650

Summary

Production Name	Histone H1.3 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	Histone H1.3
Alternative Names	Histone H1c; Histone H1s-2
Gene ID	3007.0
SwissProt ID	P16402.A synthetic peptide of human Histone H1.3

Application

Dilution Ratio	WB:1:500-1:1000,IHC:1:50-1:100,ICC:1:50-1:200
Molecular Weight	Calculated MW: 22 kDa; Observed MW: 30 kDa

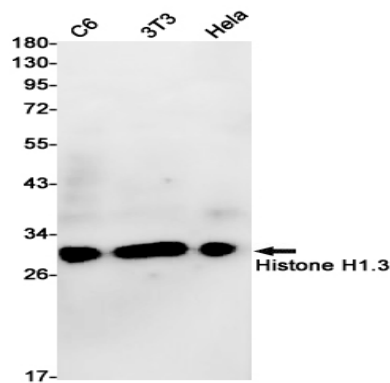
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Background

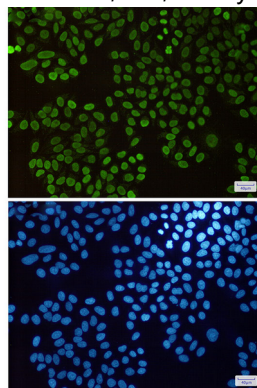
Histone H1 protein binds to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin fiber. Histones H1 are necessary for the condensation of nucleosome chains into higher-order structured fibers. Acts also as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation .

Research Area

Image Data

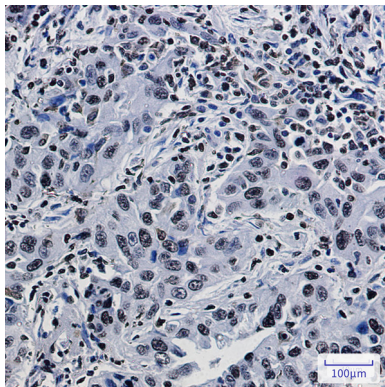


Western blot analysis of Histone H1.3 in C6, 3T3, HeLa lysates using Histone H1.3 antibody.



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

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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.

Note

For research use only.