

Product Name: Histone H4 Rabbit Monoclonal Antibody
Catalog #: AMRe02093



Summary

Production Name	Histone H4 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,ChIP
Reactivity	Human

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	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purification

Immunogen

Gene Name	H4C1
Alternative Names	Histone H4
Gene ID	121504
SwissProt ID	P62805.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200 ChIP: 1:20
Molecular Weight	Calculated MW: 11 kDa; Observed MW: 11 kDa

Background

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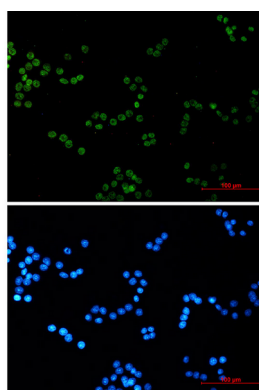


The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H4 family.

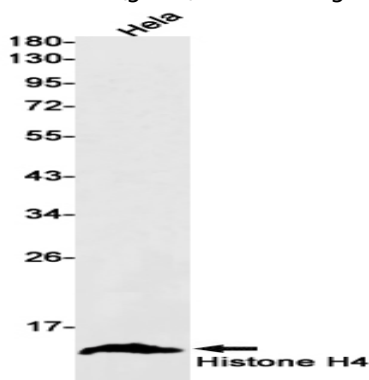
Research Area

Epigenetics and Nuclear Signaling

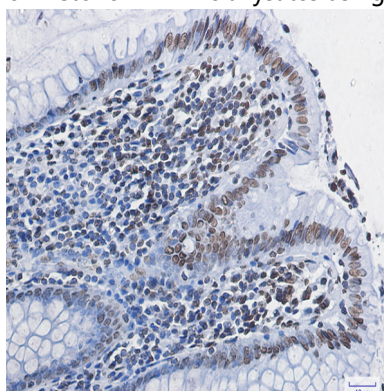
Image Data



Immunocytochemistry analysis of Histone H4 (green) in HeLa using Histone H4 antibody, and DAPI (blue).



Western blot analysis of Histone H4 in HeLa lysates using Histone H4 antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer tissue using Histone H4 antibody. High-pressure

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and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.