Product Name: Phospho-Histone H3 (Ser28) Rabbit Monoclonal Antibody
Catalog #: AMRe02090

Summary

Production Name	Phospho-Histone H3 (Ser28) Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal Antibody
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 Purified

Immunogen

Gene Name	H3C1
Alternative Names	H3 histone; family 3A; H3 histone; family 3B (H3.3B); H3.3A; H3.3B; H33; H3F3; H3F3A; H3F3B; Histone H3.3
Gene ID	8350
SwissProt ID	P68431

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200
Molecular Weight	Calculated MW: 15 kDa; Observed MW: 15 kDa

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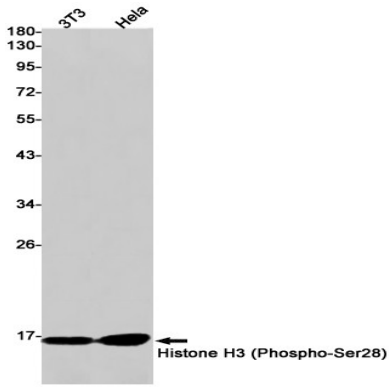
Background

H3 Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.

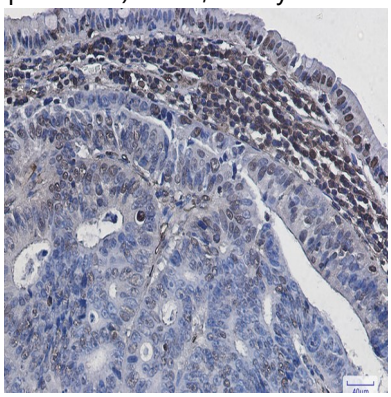
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of Histone H3 (Phospho-Ser28) in 3T3, Hela lysates using Phospho-Histone H3 (Ser28) antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using Histone H3 (Phospho-Ser28) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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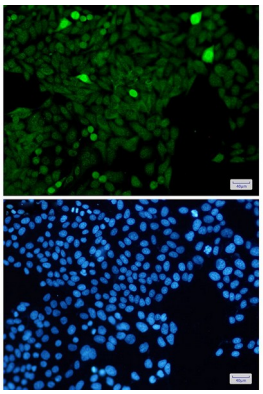

Immunocytochemistry analysis of Histone H3 (Phospho-Ser28)(green) in Hela using Histone H3 (Phospho-Ser28) antibody,and DAPI(blue)

Note

For research use only.