

Product Name: Phospho-Histone H3 (Ser10/Thr11)
Rabbit Monoclonal antibody
Catalog #: AMRe03296

Summary

Production Name	Phospho-Histone H3 (Ser10/Thr11) Rabbit Monoclonal antibody
Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,IP
Reactivity	Human,Mouse,Rat

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% protective protein
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,ICC/IF 1:50-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW: 15 kDa; Observed MW: 15 kDa

Product Name: Phospho-Histone H3 (Ser10/Thr11)
Rabbit Monoclonal antibody
Catalog #: AMRe03296



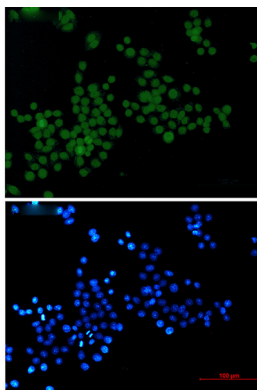
Background

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.

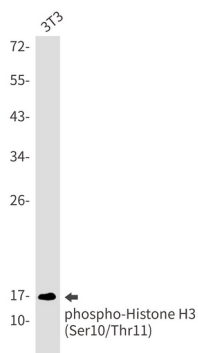
Research Area

Epigenetics and Nuclear Signaling

Image Data

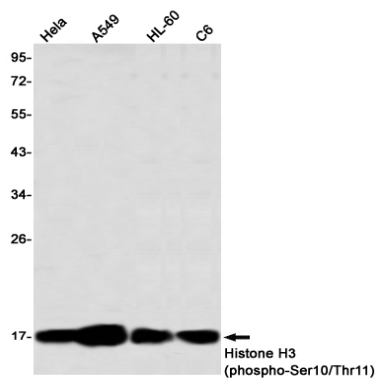


Immunocytochemistry analysis of Phospho-Histone H3 (Ser10/Thr11) (green) in HeLa using Phospho-Histone H3 (Ser10/Thr11) antibody, and DAPI (blue).

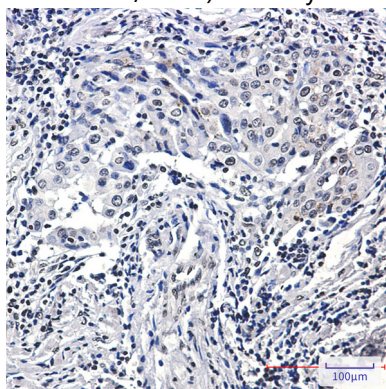


Western blot analysis of Phospho-Histone H3 (Ser10/Thr11) in 3T3 lysates using Phospho-Histone H3 (Ser10/Thr11) antibody.

Product Name: Phospho-Histone H3 (Ser10/Thr11)
Rabbit Monoclonal antibody
Catalog #: AMRe03296



Western blot analysis of Histone H3 (Phospho-Ser10/Thr11) in HeLa, A549, HL-60, C6 lysates using Histone H3 (Phospho-Ser10/Thr11) antibody



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Histone H3 (Phospho-Ser10/Thr11) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.