
Product Name: Phospho-Histone H3 (Ser10/Thr11) Rabbit Monoclonal Antibody
Catalog #: AMRe84921

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/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	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200,IP 1:10-1:20
Molecular Weight	Calculated MW: 15 kDa; Observed MW: 15 kDa

Antigen Information

Gene Name	Phospho-Histone H3 (Ser10/Thr11)
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	8350.0
SwissProt ID	P68431
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser10/Thr11 of human Histone H3

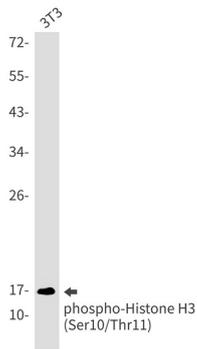
Background

H3 Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the

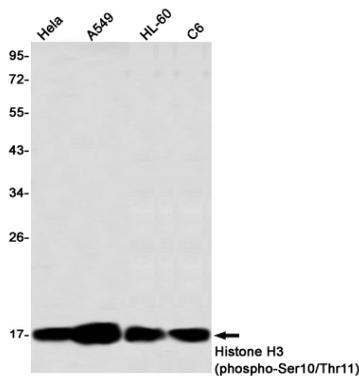
cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.

Research Area

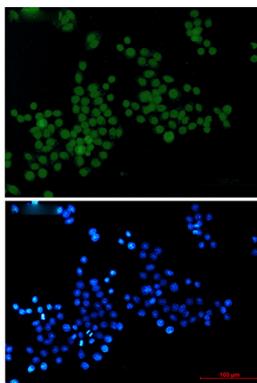
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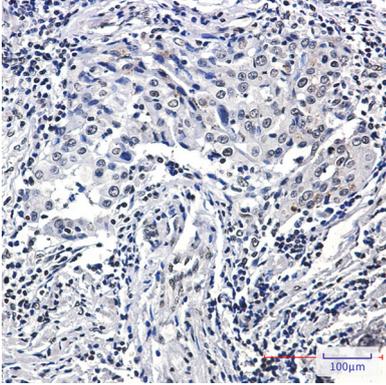
Western blot analysis of Phospho-Histone H3 (Ser10/Thr11) in 3T3 lysates using Phospho-Histone H3 (Ser10/Thr11) antibody.



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



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



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.