Product Name: Histone H3.3 Rabbit Monoclonal Antibody
Catalog #: AMRe02092

Summary

Production Name	Histone H3.3 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-P
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	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	H3-3A
Alternative Names	H3F3; H3.3A
Gene ID	3020
SwissProt ID	P84243.

Application

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

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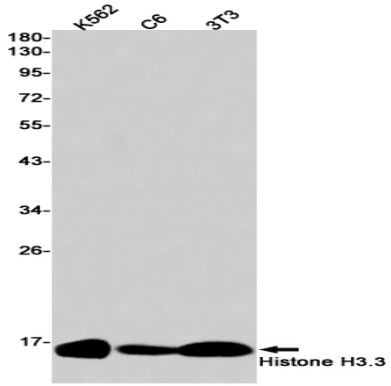
Background

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. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

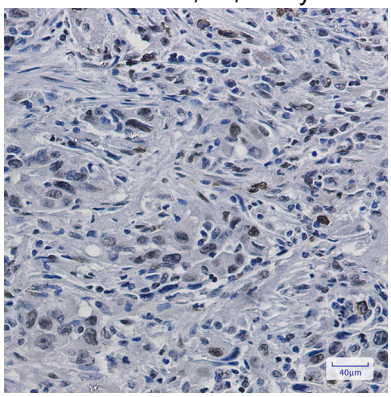
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of Histone H3.3 in K562, C6, 3T3 lysates using Histone H3.3 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Histone H3.3 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.