

Product Name: Histone H3.3 Rabbit Polyclonal Antibody**Catalog #: APRab00058**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Application

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

Antigen Information

Gene Name	H3-3A
Alternative Names	H3F3; H3.3A
Gene ID	3020
SwissProt ID	P84243
Immunogen	A synthetic peptide corresponding to target protein

Background

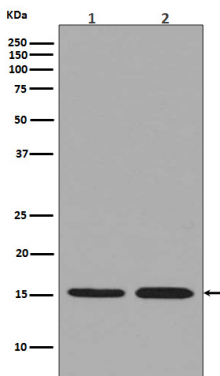
H3 Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA

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.

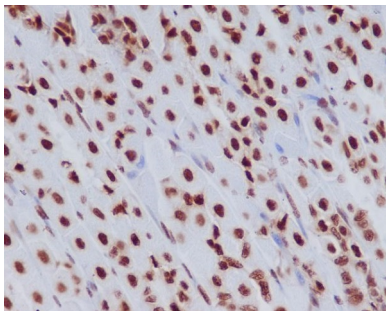
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of Histone H3.3 in (1) HeLa lysates; (2) NIH/3T3 lysates using Histone H3.3 antibody.



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