
Product Name: Histone H3 (Citruline R2+R8+R17) Rabbit Polyclonal Antibody**Catalog #: APRab00455**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB
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	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	Calculated MW: 15 kDa; Observed MW: 15-17 kDa

Antigen Information

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
Immunogen	A synthetic peptide corresponding to target protein

Background

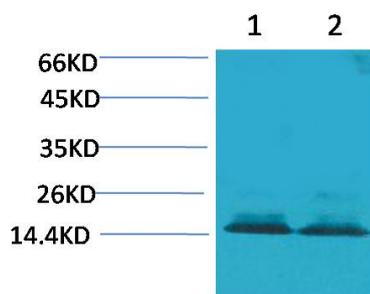
H3 Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the

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

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of Histone H3 in HeLa, 3T3 lysates using Histone H3(Citruline R2+R8+R17) antibody.