

## Anti-Phospho-Histone H3.3 (Ser31) Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 15 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Applications

Application:	ELISA,ICC/IF,IHC-P
Recommended	IHC-P: 1:100-300; ICC/IF: 1:200-1000; ELISA: 1:20000

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	A synthesized phosphopeptide: human Histone H3.3 around the phosphorylation site of Ser31. AA range:16-65
Antigen Species:	Human
Uniprot ID:	P84243
Synonyms:	Histone H3.3 (p-Ser31);Histone H3.3 (p-S31);p-Histone H3.3 (Ser31);p-Histone H3.3 (S31)

## Research Background

H3 histone family member 3A(H3F3A) Homo sapiens Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene contains introns and its mRNA is polyadenylated, unlike most histone genes. The protein encoded is a replication-independent member of the histone H3 family. [provided by RefSeq, Jul 2008],

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