

## Phospho-Histone H3.3-S32

**Reactivity:** Human Mouse Rat

**Tested applications:** WB

**Recommended Dilution:** WB 1:500 - 1:2000

**Calculated MW:** 15kDa

**Observed MW:** Refer to figures

**Immunogen:**

A phospho specific peptide corresponding to residues surrounding S32 of human Histone H3.3

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

H3F3; H3.3A;

**Catalog #:** AP0486

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 3020

**Isotype:** IgG

**Swiss Prot:** P84243

**Purity:** Affinity purification

For research use only.

**Background:**

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.

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