

Histone H3.3 (phospho Ser31) Polyclonal Antibody

Catalog No: #13822



Package Size: #13822-1 50ul #13822-2 100ul

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Description

Product Name	Histone H3.3 (phospho Ser31) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC-p,IF/ICC,ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-Histone H3.3 (S31) Polyclonal Antibody detects endogenous levels of Histone H3.3 protein only when phosphorylated at S31.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human Histone H3.3 around the phosphorylation site of Ser31. AA range:16-65
Other Names	H3F3A; H3.3A; H3F3; PP781; H3F3B; H3.3B; Histone H3.3
Accession No.	Swiss Prot:P84243GeneID:3020/3021
Uniprot	P84243
GeneID	3020/3021
Calculated MW	15kd
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.

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],

Note: This product is for in vitro research use only