BT LAB
Bioassay Technology Laboratory
Optimize Your Research

Histone H3.3(Phospho Ser31) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP10032
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Histone H3.3 around the phosphorylation site of Ser31. AA range:16-65
Mol wt	15328
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Histone H3.3
Synonyms	Histone H3.3; H3F3A; H3.3A; H3F3; PP781; H3F3B; H3.3B; Histone H3.3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

IHC-p: 1: 100 - 1: 300

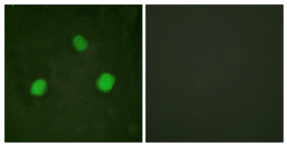
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

ELISA: 1: 20000

Not yet tested in other applications.

Images



Immunofluorescence analysis of HeLa cells, using Histone H3.3 (Phospho-Ser31) Antibody. The picture on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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