BT LAB
Bioassay Technology Laboratory
Optimize Your Research

Histone H2B(Phospho-Ser14) Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02991
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized phosho peptide around human Histone H2B (Ser14)
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	Histone H2B
Synonyms	Histone H2B ;Ser14 ; Histone H2B type 1-H; Histone H2B.j; H2B/j

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

Background

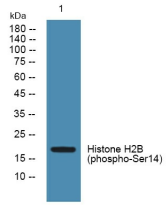
Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A| H2B| H3| and H4) form an octamer| around which approximately 146 bp of DNA is wrapped in repeating units| called nucleosomes. The linker histone| H1| interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H2B family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6.

Recommended Dilution

WB: 1: 1000 - 1: 2000

Not yet tested in other applications.

Images



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year

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