BT LAB
Bioassay Technology Laboratory
Optimize Your Research

Histone H2B Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09962
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from the Internal region of human Histone H2B.
Mol wt	13906;13936;13892;13890;13952;13989;13922;13920;13944
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Histone H2B type 1-C/E/F/G/I/Histone H2B type 1-D/Histone H2B type 1-H/Histone H2B type 1-K/Histone H2B type 1-L/Histone H2B type 1-M/Histone H2B type 1-N/Histone H2B type 2-F/Histone H2B type F-S
Synonyms	Histone H2B type 1-C/E/F/G/I/Histone H2B type 1-D/Histone H2B type 1-H/Histone H2B type 1-K/Histone H2B type 1-L/Histone H2B type 1-M/Histone H2B type 1-N/Histone H2B type 2-F/Histone H2B type F-S; HIST1H2BB; H2BFF; Histone H2B type 1-B; Histone H2B.1; Histone H2B.f; H2B/f; HIST1H2BC; H2BFL; HIST1H2BE; H2BFH; HIST1H2BF; H2BFG; HIST1H2BG; H2BFA; HIST1H2BI; H2BFK; Histone H2B type 1-C/E/F/G/I; Histone H2B.1 A; Histone H2B.a; H2B/a; Histone H2B.g; H2B/g; Histone H2B.h; H2B/h; Histone H2B.k; H2B/k; Histone H2B.l; H2B/l; HIST1H2BD; H2BFB; HIRIP2; Histone H2B type 1-D; HIRA-interacting protein 2; Histone H2B.1 B; Histone H2B.b; H2B/b; HIST1H2BH; H2BFJ; Histone H2B type 1-H; Histone H2B.j; H2B/j; HIST1H2BJ; H2BFR; Histone H2B type 1-J; Histone H2B.1; Histone H2B.r; H2B/r; HIST1H2BK; H2BFT; HIRIP1; Histone H2B type 1-K; H2B K; HIRA-interacting protein 1; HIST1H2BL; H2BFC; Histone H2B type 1-L; Histone H2B.c; H2B/c; HIST1H2BM; H2BFE; Histone H2B type 1-M; Histone H2B.e; H2B/e; HIST1H2BN; H2BFD; Histone H2B type 1-N; H

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. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin 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; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3.

Recommended Dilution

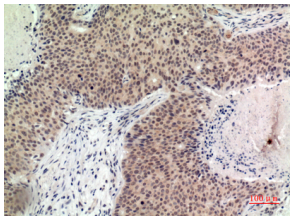
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

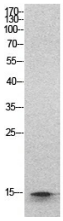
ELISA: 1: 20000

Not yet tested in other applications.

Images



Immunohistochemical analysis of paraffin-embedded human-Breast-cancer, antibody was diluted at 1:100



Western Blot analysis of HeLa cells using Histone H2B Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Storage

-20°C for 1 year

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