

Histone H2B Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP04032
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Histone H2B. AA range:10-59
Mol wt	14167/13950/13906
Species reactivity	Human, Mouse, Monkey
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Histone H2B Antibody
Synonyms	H2BFS; Histone H2B type F-S; Histone H2B.s; H2B/s

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. HIST1H2BA is intronless and encodes a replication-dependent histone that is a testis/sperm-specific member of the histone H2B family. Transcripts from HIST1H2BA contain a palindromic termination element.

Recommended Dilution

WB: 1: 500 - 1: 2000

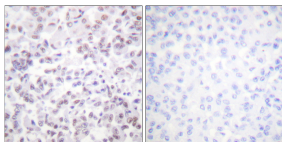
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

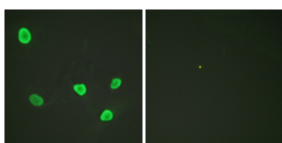
ELISA: 1: 5000

Not yet tested in other applications.

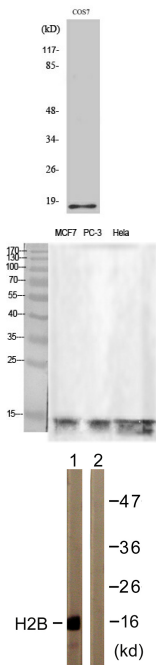
Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Histone H2B Antibody. The picture on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of HeLa cells, using Histone H2B Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of COS7 cells using Histone H2B Polyclonal Antibody diluted at 1:1000 cells nucleus.

Western Blot analysis of various cells using Histone H2B Polyclonal Antibody diluted at 1:1000 cells nucleus.

Western blot analysis of lysates from COS7 cells, treated with TSA 400nM 24h, using Histone H2B Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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