

## Histone H3(Phospho Thr45) Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP10007
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic Peptide of Histone H3 (Phospho Thr45)
Mol wt	15273
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB

### Concentration

Full name	Histone H3.1/Histone H3.2/Histone H3.3
Synonyms	Histone H3.1/Histone H3.2/Histone H3.3; HIST1H3A; H3FA; HIST1H3B; H3FL; HIST1H3C; H3FC; HIST1H3D; H3FB; HIST1H3E; H3FD; HIST1H3F; H3FI; HIST1H3G; H3FH; HIST1H3H; H3FK; HIST1H3I; H3FF; HIST1H3J; H3FJ; Histone H3.1; Histone H3/a; Histone H3/b; Histone H3/c; Histone H3/d; Histone H3/f; Histone H3/h; Histone H3/i; Histone H3/j; Histone H3/k; Histone H3/l; HIST2H3A; HIST2H3C; H3F2; H3FM; HIST2H3D; Histone H3.2; Histone H3/m; Histone H3/o; 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

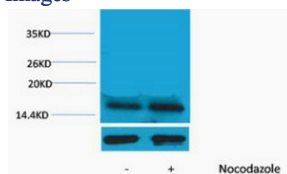
Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The 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 H3 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: 1000

Not yet tested in other applications.

### Images



Western blot analysis of extracts from HeLa cells, untreated (-) or treated, 1:2000. Secondary antibody was diluted at 1:20000

### Storage

-20°C for 1 year

