

## Histone H3 Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP10030
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human Histone H3 around the non-acetylation site of K5.
Mol wt	15404;15388;15328;15214
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Histone H3.1/Histone H3.2/Histone H3.3/Histone H3.3C
Synonyms	Histone H3.1/Histone H3.2/Histone H3.3/Histone H3.3C; HIST1H3A; H3FA; HIST1H3B; H3FL; HIST1H3C; H3FC; HIST1H3D; H3FB; HIST1H3E; H3FD; HIST1H3F; H3FI; HIST1H3G; H3FH; HIST1H3H; H3FK; HIST1H3I; H3FF; HIST1H3J; H3FJ; Histone H3.1; Histone H3.1; Histone H3.2; Histone H3/m; Histone H3/o; H3F3A; H3.3A; H3F3; PP781; H3F3B; H3.3B; Histone H3.3; H3F3C; Histone H3.3C; Histone H3.5

**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.

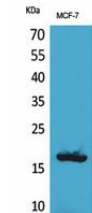
### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 20000

Not yet tested in other applications.

### Images



Western Blot analysis of MCF-7 cells using Histone H3 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

## Storage

-20°C for 1 year

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