

## Histone H3 (Di Methyl Lys18) Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP04050
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic Peptide of Histone H3 (Di Methyl Lys18)
Mol wt	15273
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	Histone H3 (Di Methyl Lys18) Antibody
Synonyms	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

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. HIST1H3A (histone cluster 1 H3 family member a) 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. HIST1H3A is found in the large histone gene cluster on chromosome 6p22-p21.3.

### Recommended Dilution

WB: 1: 200 - 500

Not yet tested in other applications.

### Images



Western blot analysis of HeLa, diluted at 1:1000. Secondary antibody was diluted at 1:20000 cells nucleus.

### Storage

-20°C for one year