

## Histone H4 (Mono Methyl Lys21) Polyclonal Antibody

### Description

|                         |  |
|-------------------------|--|
| Product type            | Primary Antibody   |
| Code                    | BT-AP10044   |
| Host                    | Rabbit   |
| Isotype                 | IgG  |
| Size                    | 20ul, 50ul, 100ul  |
| Immunogen               | Synthetic Mono-Methyl peptide from human protein at AA range: 21   |
| Mol wt                  | N/A  |
| Species reactivity      | Human, Rat, Mouse  |
| Clonality               | Polyclonal   |
| Recommended application | WB, ELISA  |
| Concentration           | 1 mg/ml  |
| Full name               | Histone H4   |
| Synonyms                | Histone H4; H4K21ME1; HIST1H4A; H4/A; H4FA; HIST1H4B; H4/I; H4FI; HIST1H4C; H4/G; H4FG; HIST1H4D; H4/B; H4FB; HIST1H4E; H4/J; H4FJ; HIST1H4F; H4/C; H4FC; HIST1H4H; H4/H; H4FH; HIST1H4I; H4/M; H4FM; HIST1H4J; H4/E; H4FE; HIST1H4K; H4/D; H4FD; HIST1H4L; H4/K; H4FK; HIST2H4A; H4/N; H4F2; H4FN; HIST2H4; HIST2H4B; H4/O; H4FO; HIST4H4; Histone H4 |

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. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H4 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the histone microcluster on chromosome 6p21.33.

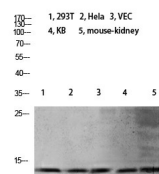
### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000 - 1: 20000

Not yet tested in other applications.

### Images



Western blot analysis of 3T3 mouse-kidney KB K562 HeLa 293T lysate, antibody was diluted at 1000. Secondary antibody was diluted at 1:20000

### Storage

-20°C for 1 year

