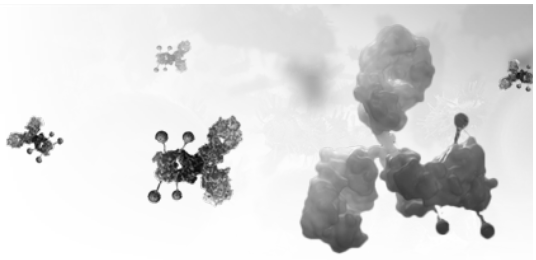

# Anti-Histone H4 (mono methyl K20) polyclonal antibody (CABT-BL6102)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

| | |
|---|---|
| **Immunogen** | A synthetic peptide of human MonoMethyl-Histone H4-K20 |
| **Isotype** | IgG |
| **Source/Host** | Rabbit |
| **Species Reactivity** | Human, Mouse, Rat, Other (Wide, range) |
| **Purification** | Affinity purification |
| **Conjugate** | Unconjugated |
| **Applications** | WB; IHC; IF; IP; CHIP; CHIPseq |
| **Molecular Weight** | 11kDa |
| **Format** | Liquid |
| **Size** | 100 µl |
| **Buffer** | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| **Preservative** | 0.02% Sodium Azide |
| **Storage** | Store at -20°C. Avoid freeze / thaw cycles. |

## BACKGROUND

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|---|---|
| **Introduction** | 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 |

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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 member of the histone H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated; this record represents the centromeric copy.

# GENE INFORMATION

| | |
|---|---|
| **Entrez Gene ID** | 8370 |
| **UniProt ID** | P62805 |

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