

# MonoMethyl-Histone H2B-K5 Rabbit Polyclonal Antibody

## CAB17552



### Product Information

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

14kDa

**Calculated MW:**

13kDa

**Applications:**

WB IF

**Reactivity:**

Human, Mouse, Rat

### Antibody Information

**Recommended dilutions:**

WB 1:500 - 1:2000 IF 1:50 - 1:200

**Source:**

Rabbit

**Isotype:**

IgG

**Purification:**

Affinity purification

### Protein 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 encodes a replication-dependent histone that is a member of the histone H2B family, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif. The protein has antibacterial and antifungal antimicrobial activity. [provided by RefSeq, Aug 2015]

### Immunogen information

**Gene ID:**

8349

**Uniprot**

Q16778

**Synonyms:**

GL105; H2B; H2B.1; H2BFQ; H2BGL105; H2BQ; Histone H2B; HIST2H2BE

**Immunogen:**

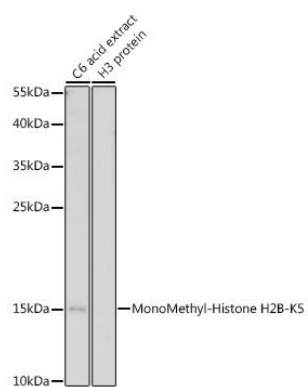
A synthetic peptide of Human H2BK5me1.

**Storage:**

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot - MonoMethyl-Histone H2B-K5 Rabbit pAb (CAB17552)