

# Histone H2B type 1-K Recombinant Antibody



RACO0039

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## Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Human

**Isotype:**

Rabbit IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

WB:1:5000-1:10000, IHC:1:50-1:500

**Protein Background:**

Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

**Gene ID:**

HIST1H2BK

**Uniprot**

O60814

**Synonyms:**

Histone H2B type 1-K, H2B K, HIRA-interacting protein 1, HIST1H2BK, H2BFT, HIRIP1

**Immunogen:**

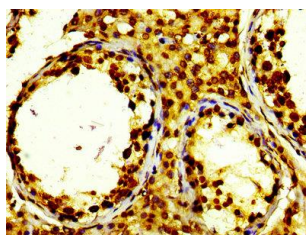
A synthesized peptide.

**Storage:**

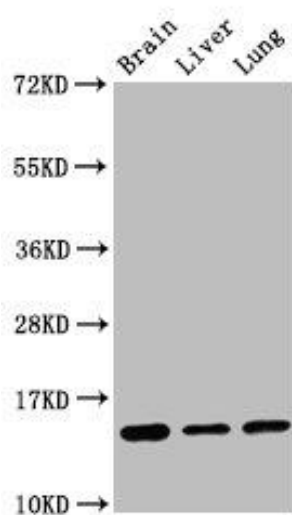
Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

## Product Images

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IHC image of RACO0039 diluted at 1:100 and staining in paraffin-embedded human testis tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



### Western Blot

Positive WB detected in Mouse brain tissue, Rat liver tissue, Rat lung tissue

All lanes: Histone H2B type 1-K antibody at 0.16µg/ml

Secondary

Goat polyclonal to rabbit IgG at 1:50000 dilution

Predicted band size: 14 KDa

Observed band size: 14 KDa