



[Go to Product page](#)

Datasheet for ABIN7127294

## Recombinant anti-HIST1H2BK antibody

### 2 Images

#### Overview

Quantity:	100 µL
Target:	HIST1H2BK
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This HIST1H2BK antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

#### Product Details

Immunogen:	A synthesized peptide
Clone:	4G10
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Affinity-chromatography

#### Target Details

Target:	HIST1H2BK
Alternative Name:	HIST1H2BK ( <a href="#">HIST1H2BK Products</a> )
Background:	Background: Core component of nucleosome. Nucleosomes wrap and compact DNA into

## Target Details

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

UniProt: [O60814](#)

## Application Details

Application Notes: Recommended dilution: WB:1:5000-1:10000, IHC:1:50-1:500,

Restrictions: For Research Use only

## Handling

Format: Liquid

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

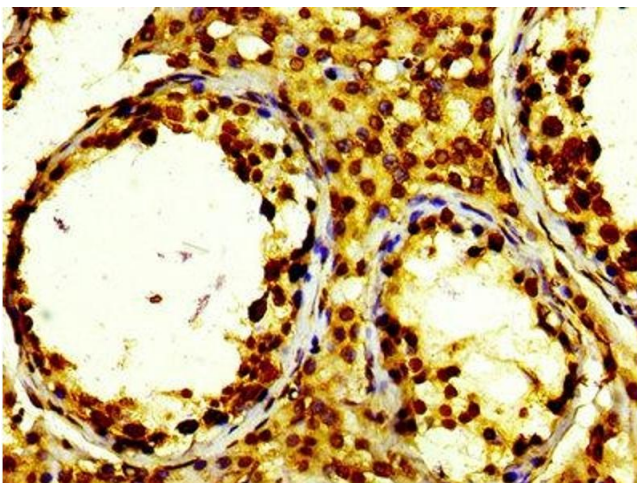
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

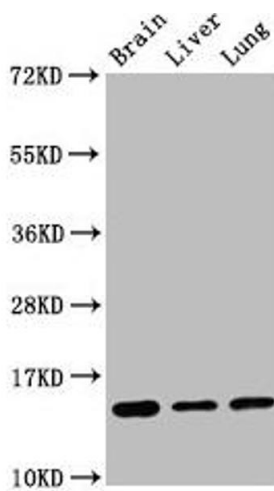
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



### Immunohistochemistry

**Image 1.** IHC image of ABIN7127294 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 30 min 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 Blotting

**Image 2.** Western Blot Positive WB detected in: Mouse brain tissue, Rat liver tissue, Rat lung tissue All lanes: Histone H2B type 1-K antibody at 0.16  $\mu\text{g}/\text{mL}$  Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 14 KDa Observed band size: 14 KDa