

Datasheet for ABIN6569006  
**anti-HIST2H2BE antibody**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	200 µL
Target:	HIST2H2BE
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIST2H2BE antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant protein of human HIST2H2BE
Isotype:	IgG
Purification:	Affinity purification

## Target Details

Target:	HIST2H2BE
Alternative Name:	HIST2H2BE ( <a href="#">HIST2H2BE Products</a> )
Background:	<p>Synonyms: GL105,H2B,H2B histone family member Q,H2B-GL105,H2B.1,H2B/q,H2B2E,H2BFQ,H2BGL105,H2BQ,HIST2H2BE,Histone 2 H2be,histone cluster 2, H2be,histone H2B GL105,histone H2B type 2 E,Histone H2B type 2-E,histone H2B type 2E,Histone H2B-GL105,Histone H2B.q,histone H2BGL105</p> <p>Background: Histones are basic nuclear proteins that are responsible for the nucleosome</p>

## Target Details

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.

Molecular Weight:	Observed_MW: 15kDa Calculated_MW: 13kDa
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Gene ID:	8349
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UniProt:	<a href="#">Q16778</a>
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## Application Details

Application Notes:	WB 1:500 - 1:2000 IHC 1:50 - 1:200
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Restrictions:	For Research Use only
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## Handling

Concentration:	1 mg/mL
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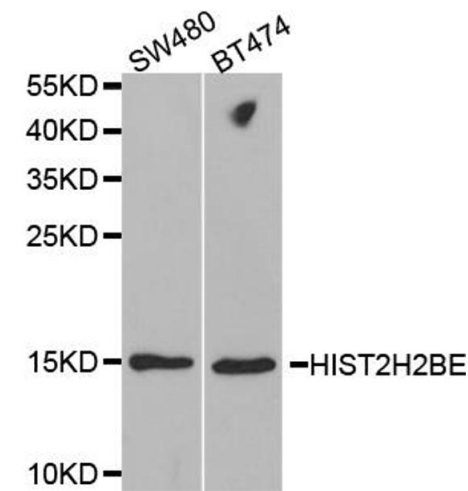
Buffer:	Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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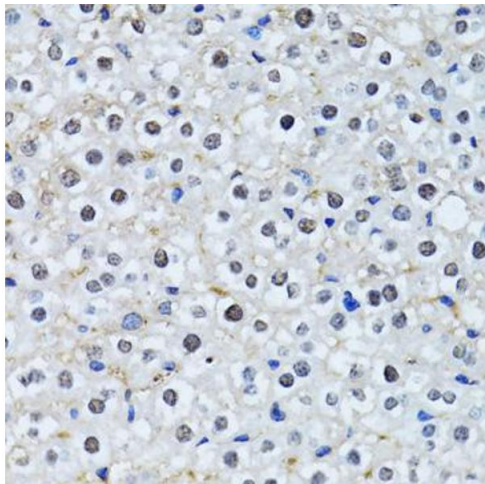
Storage:	-20 °C
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Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.
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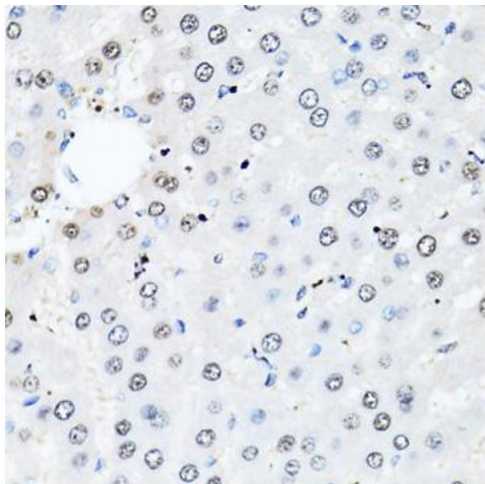
### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using HIST2H2BE antibody.



### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded mouse liver using HIST2H2BE antibody.



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded rat liver using HIST2H2BE antibody.