

Datasheet for ABIN6572071  
**anti-HIST1H2BG antibody**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	200 µL
Target:	HIST1H2BG
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant protein of human HIST1H2BG
Isotype:	IgG
Purification:	Affinity purification

## Target Details

Target:	HIST1H2BG
Alternative Name:	HIST1H2BG ( <a href="#">HIST1H2BG Products</a> )
Background:	<p>Synonyms: dJ221C16.8,H2B histone family, member A,H2B/a,H2B/g,H2B/h,H2B/k,H2B/l,H2B1C,H2BFA,HIST1H2BI,Histone 1, H2bg,Histone cluster 1 H2B family member g,Histone cluster 1, H2bg,Histone H2B type 1-C/E/F/G/I,Histone H2B.1 A,Histone H2B.a,Histone H2B.g,Histone H2B.h,Histone H2B.k,Histone H2B.l</p> <p>Background: Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146</p>

## Target Details

bp of DNA wrapped around a histone 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. The protein has antibacterial and antifungal antimicrobial activity. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H2B family. Transcripts from this gene lack polyA tails, instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3.

Molecular Weight:	Observed_MW: 14kDa Calculated_MW: 13kDa
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Gene ID:	3017
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UniProt:	<a href="#">P62807</a>
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## Application Details

Application Notes:	WB 1:500 - 1:2000 IHC 1:100 - 1:200
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Restrictions:	For Research Use only
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## Handling

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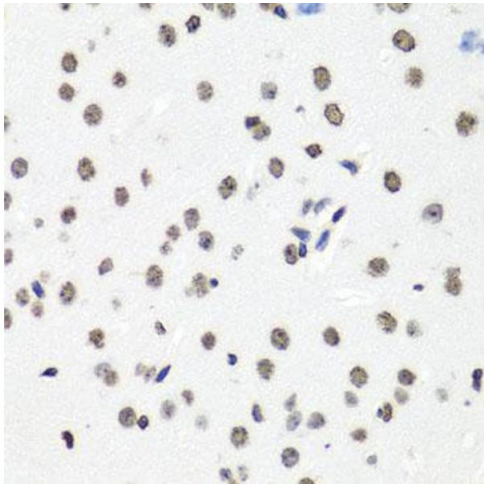
Buffer:	Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should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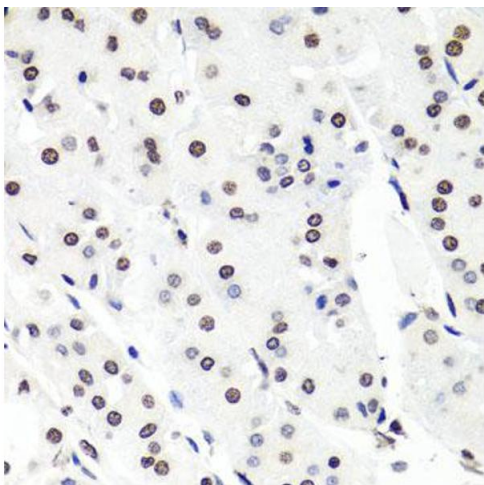
Storage:	-20 °C
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Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.
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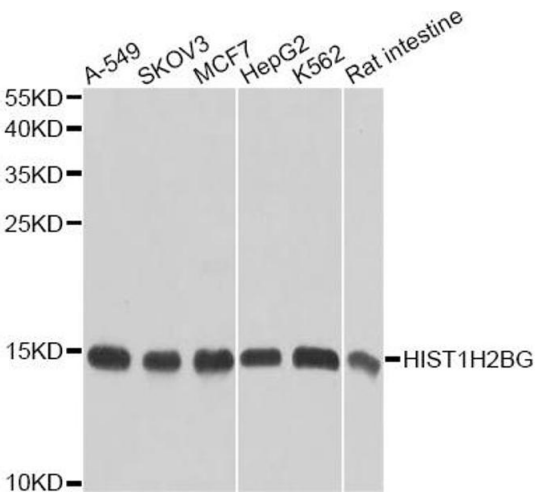
Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded mouse brain using HIST1H2BG antibody.



Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human stomach using HIST1H2BG antibody.



Western Blotting

**Image 3.** Western blot analysis of extracts of various cell lines, using HIST1H2BG antibody.