

For Research Use Only

# Histone H2B Polyclonal antibody

Catalog Number: 31048-1-AP



## Basic Information

<b>Catalog Number:</b> 31048-1-AP	<b>GenBank Accession Number:</b> BC066242	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 300 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 255626	<b>Recommended Dilutions:</b> WB 1:1000-1:6000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96A08	
<b>Isotype:</b> IgG	<b>Full Name:</b> histone cluster 1, H2ba	
<b>Immunogen Catalog Number:</b> AG33975	<b>Observed MW:</b> 15 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse testis tissue,
<b>Species Specificity:</b> Human, mouse	

## Background Information

Histones are the basic nuclear proteins responsible for the nucleosome structure of the chromosomal fiber. Nucleosomes consist of approximately 146 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. Histone H2BC1 is testis specific.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

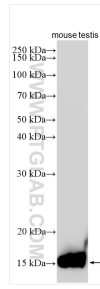
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31048-1-AP (Histone H2B antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.