

Histone H2B Polyclonal antibody

Catalog Number: 31048-1-AP

Basic Information

Catalog Number:

31048-1-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33975

GenBank Accession Number:

BC066242

GeneID (NCBI):

255626

UNIPROT ID:

Q96A08

Full Name:

histone cluster 1, H2ba

Observed MW:

15 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, mouse

Positive Controls:

WB : mouse testis tissue,

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:

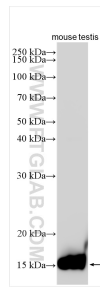
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.