Product Name: Histone H2B Rabbit Monoclonal Antibody
Catalog #: AMRe21413

Summary

Production Name	Histone H2B Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,IHC,IF,IP,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Immunogen

Gene Name	HIST1H2BC
Alternative Names	Histone H2B type 1-C/E/F/G/I;Histone H2B.1 A;Histone H2B.a;H2B/a;Histone H2B.g;H2B/g;Histone H2B.h;H2B/h;Histone H2B.k;H2B/k;Histone H2B.l;H2B/l;
Gene ID	3017.0
SwissProt ID	P62807;P58876;Q93079;O60814;Q99880;Q99879;Q99877;Q5QNW6;P57053.

Application

Dilution Ratio	IHC 1:20000-1:50000;WB 1:1000-1:5000;IF 1:200-1:1000;ELISA 1:5000-1:20000;IP 1:50-1:200;
Molecular Weight	Calculated MW:14kD;Observed MW:14kD

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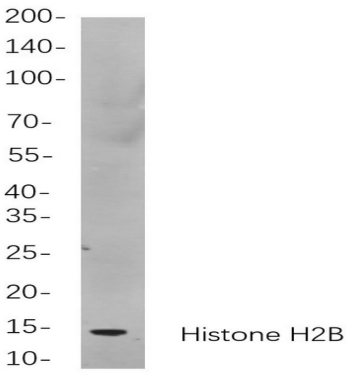
Background

Cell localization:Nucleus.Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. 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. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H2B family. Two transcripts that encode the same protein have been identified for this gene, which is found in the large histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Aug 2015],

Research Area

Image Data



Western blot analysis of lysates from K562 cells, using Histone H2B Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.

Note

For research use only.