

Datasheet for ABIN3031209
anti-HIST1H2BD antibody (AA 1-30)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	HIST1H2BD
Binding Specificity:	AA 1-30
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIST1H2BD antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	A portion of amino acids 1-30 from the human protein was used as the immunogen for this HIST1H2BD antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat, Bovine, Primate
Purification:	Antigen affinity purified

Target Details

Target:	HIST1H2BD
Alternative Name:	HIST1H2BD (HIST1H2BD Products)
Background:	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the

Target Details

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 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].

UniProt: [P58876](#)

Pathways: [Telomere Maintenance](#)

Application Details

Application Notes: Titration of the HIST1H2BD antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In 1X PBS pH 7.4 with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Aliquot the HIST1H2BD antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. HIST1H2BD antibody western blot analysis in HL-60 lysate.



Western Blotting

Image 2. HIST1H2BD antibody western blot analysis in HL-60 lysate.