

Datasheet for ABIN7465224 **anti-HIST1H2BD antibody**



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Overview

Quantity:	100 µL
Target:	HIST1H2BD
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIST1H2BD antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Full length human Histone H2B Recombinant protein.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Zebrafish (Danio rerio)
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	HIST1H2BD
Alternative Name:	histone cluster 1, H2bd (HIST1H2BD Products)
Background:	H2B.1B antibody , H2B/b antibody , H2BFB antibody , HIRIP2 antibody , MGC90432 antibody , dJ221C16.6 antibody , HIST1H2BD antibody , "histone 1 , H2bd antibody" , histone H2B.b antibody , histone H2B type 1-D antibody , HIRA-interacting protein 2 antibody , histone H2B.1 B

Target Details

antibody , "H2B histone family , member B antibody" , "histone cluster 1 , H2bd antibody",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 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]

Molecular Weight: 14 kDa

Gene ID: 3017

Pathways: [Telomere Maintenance](#)

Application Details

Application Notes: WB: 1:500-1:10000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: 293T , A431 , HeLa , HepG2 , Neuro 2A , C8D30 , NIH-3T3 , Raw264.7 , C2C12

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.