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Datasheet for ABIN7155356
anti-HIST1H2AG antibody (AA 2-130)

5 Images

Overview

Quantity:	100 µg
Target:	HIST1H2AG
Binding Specificity:	AA 2-130
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIST1H2AG antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	Recombinant Human Histone H2A type 1 protein (2-130AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	HIST1H2AG
Alternative Name:	HIST1H2AG (HIST1H2AG Products)
Background:	Background: Core component of nucleosome. Nucleosomes wrap and compact DNA into

Target Details

chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

Aliases: H2AC11 antibody, H2AFP antibody, HIST1H2AG, antibody, H2AC13 antibody, H2AFC antibody, HIST1H2AI, antibody, H2AC15 antibody, H2AFD antibody, HIST1H2AK, antibody, H2AC16 antibody, H2AFI antibody, HIST1H2AL, antibody, H2AC17 antibody, H2AFN antibody, HIST1H2AMHistone H2A type 1 antibody, H2A.1 antibody, Histone H2A/ptl antibody

UniProt: [P0C0S8](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

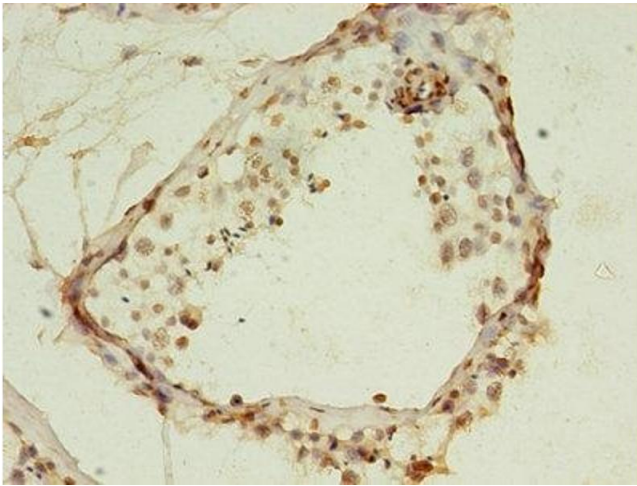
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



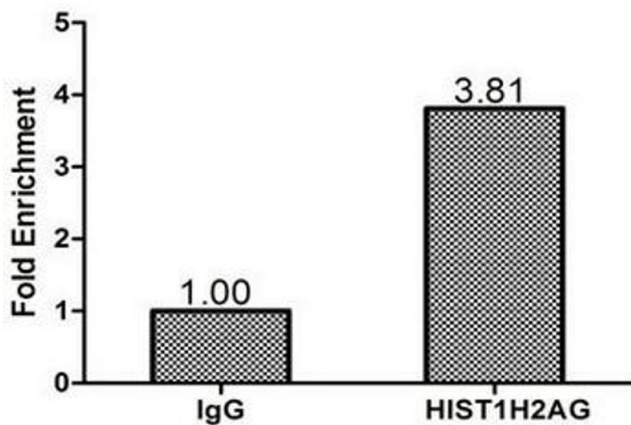
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7155356 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: HIST1H2AG antibody at 4 μ g/mL + HL60 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 15 kDa Observed band size: 15 kDa



Immunohistochemistry

Image 3. Chromatin Immunoprecipitation HeLa(1.2×10^6) were cross-linked with formaldehyde, sonicated, and immunoprecipitated with 4 μ g anti-HIST1H2AG or a control normal rabbit IgG. The resulting ChIP DNA was quantified tissue using real-time PCR with primers against the PGK1 promoter.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7155356.