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Datasheet for ABIN2855838
anti-Histone H1.3 antibody (Center)

3 Images

Overview

Quantity:	100 µL
Target:	Histone H1.3 (HIST1H1D)
Binding Specificity:	Center
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Histone H1.3 antibody is un-conjugated
Application:	Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Histone H1.3. The exact sequence is proprietary.
Isotype:	IgG
Characteristics:	Rabbit Polyclonal antibody to Histone H1.3 (histone cluster 1, H1d) Histone H1.3 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	Histone H1.3 (HIST1H1D)
Alternative Name:	Histone H1.3 (HIST1H1D Products)

Target Details

Background: Histones are basic nuclear proteins responsible for nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a member of the histone H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6.

Cellular Localization: Nucleus

Molecular Weight: 22 kDa

Gene ID: 3007

Application Details

Application Notes: Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher. Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000*

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

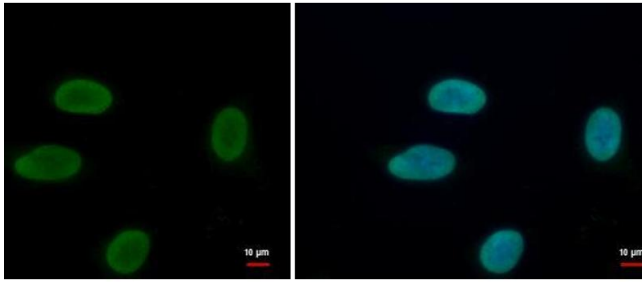
Buffer: 1XPBS, 20 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.

Preservative: Thimerosal (Merthiolate)

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

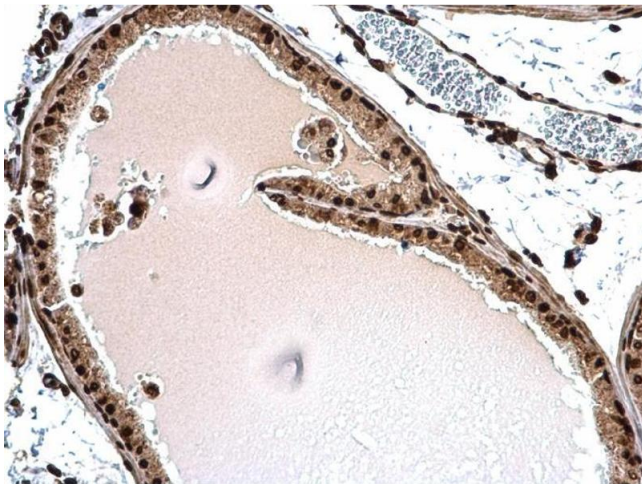
Storage: -20 °C

Storage Comment: Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



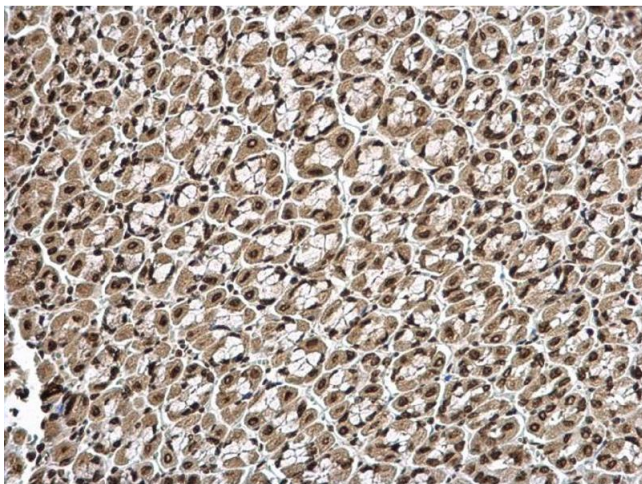
Immunofluorescence

Image 1. ICC/IF Image Histone H1.3 antibody detects Histone H1.3 protein at nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Histone H1.3 protein stained by Histone H1.3 antibody , diluted at 1:500. Blue: Hoechst 33342 staining.



Immunohistochemistry

Image 2. IHC-P Image Histone H1.3 antibody detects Histone H1.3 protein at nucleus on mouse prostate by immunohistochemical analysis. Sample: Paraffin-embedded mouse prostate. Histone H1.3 antibody , dilution: 1:500.



Immunohistochemistry

Image 3. IHC-P Image Histone H1.3 antibody detects Histone H1.3 protein at nucleus on mouse stomach by immunohistochemical analysis. Sample: Paraffin-embedded mouse stomach. Histone H1.3 antibody , dilution: 1:500.