Datasheet for ABIN7155385

# anti-H2AFZ antibody (AA 1-128)

2 Images

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## Overview

| | |
|---|---|
| Quantity: | 100 µL |
| Target: | H2AFZ |
| Binding Specificity: | AA 1-128 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This H2AFZ antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (IHC) |

## Product Details

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|---|---|
| Immunogen: | Recombinant Human Histone H2A.Z protein (1-128AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | Antigen Affinity Purified |

## Target Details

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|---|---|
| Target: | H2AFZ |
| Alternative Name: | H2AFZ (H2AFZ Products) |
| Background: | Background: Variant histone H2A which replaces conventional H2A in a subset of nucleosomes. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility |

## Target Details

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|---|---|
| | 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. May be involved in the formation of constitutive heterochromatin. May be required for chromosome segregation during cell division.<br>Aliases: H2A histone family member Z antibody, H2A.z antibody, H2A/z antibody, H2afz antibody, H2AZ antibody, H2AZ_HUMAN antibody, Histone H2A.Z antibody, MGC117173 antibody |
| UniProt: | P0C0S5 |
| Pathways: | Telomere Maintenance |

## Application Details

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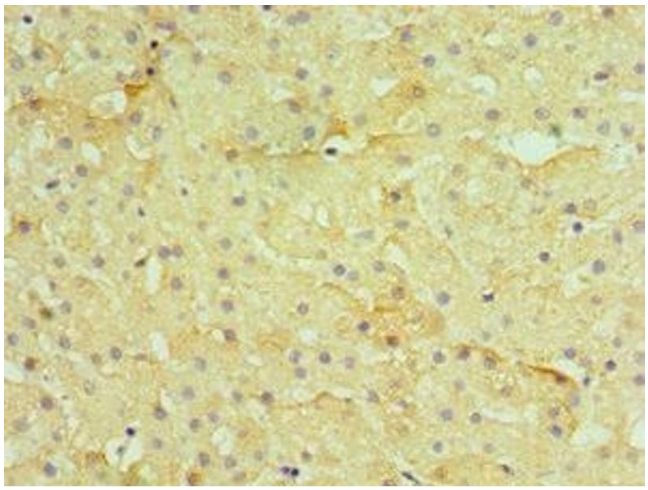
|---|---|
| Application Notes: | Recommended dilution: IHC:1:20-1:200, |
| Restrictions: | For Research Use only |

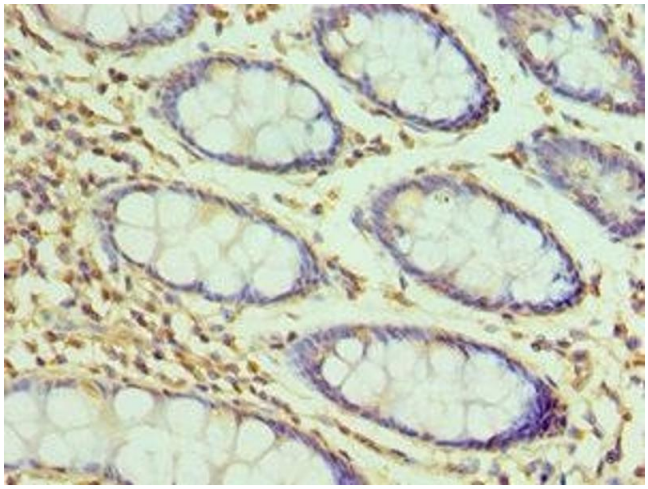
## Handling

| | |
|---|---|
| Format: | Liquid |
| Buffer: | PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3. |
| 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,-80 °C |
| Storage Comment: | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |



**Immunohistochemistry**

**Image 1.** Immunohistochemistry of paraffin-embedded human liver tissue using ABIN7155385 at dilution of 1:100



**Immunohistochemistry**

**Image 2.** Immunohistochemistry of paraffin-embedded human colon tissue using ABIN7155385 at dilution of 1:100