

Datasheet for ABIN657882

anti-HIST2H2AA4 antibody (C-Term)[Go to Product page](#)**1** Image

Overview

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|----------------------|-----------------------|
| Quantity: | 400 µL |
| Target: | HIST2H2AA4 |
| Binding Specificity: | AA 102-130, C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | This HIST2H2AA4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 102-130 amino acids from the C-terminal region of human HIST2H2AA4. |
| Clone: | RB27371 |
| Isotype: | Ig Fraction |
| Predicted Reactivity: | M, Rat, B |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

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| Target: | HIST2H2AA4 |
| Alternative Name: | HIST2H2AA4 (HIST2H2AA4 Products) |

Target Details

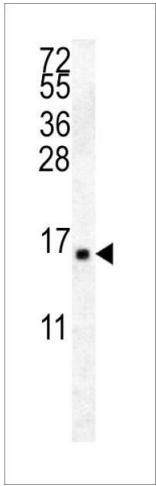
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|-------------------|--|
| Background: | Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, 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 H2A family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated, this record represents the telomeric copy. |
| Molecular Weight: | 14095 |
| Gene ID: | 8337, 723790 |
| NCBI Accession: | NP_001035807 , NP_003507 |
| UniProt: | Q6FI13 |
| Pathways: | Telomere Maintenance |

Application Details

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| Application Notes: | WB: 1:1000 |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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: | 4 °C,-20 °C |
| Storage Comment: | HIST2H2AA4 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C. |
| Expiry Date: | 6 months |



Western Blotting

Image 1. HIST2H2 Antibody (C-term) (ABIN657882 and ABIN2846837) western blot analysis in K562 cell line lysates (35 µg/lane). This demonstrates the HIST2H2 antibody detected the HIST2H2 protein (arrow).