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# Datasheet for ABIN657623 anti-HIST2H2AA3 antibody (N-Term)





Overview

Quantity:	400 µL
Quantity.	
Target:	HIST2H2AA3
Binding Specificity:	AA 2-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIST2H2AA3 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	This HIST2H2AA3 antibody is generated from rabbits immunized with a KLH conjugated
	synthetic peptide between 2-30 amino acids from the N-terminal region of human
	HIST2H2AA3.
Clone:	RB33628
lsotype:	Ig Fraction
Predicted Reactivity:	Rat, M, B, C, Pr, E
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:

HIST2H2AA3

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Target Details	
Alternative Name:	HIST2H2AA3 (HIST2H2AA3 Products)
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 centromeric copy.
Molecular Weight:	14095

Gene ID:	8337, 723790
NCBI Accession:	NP_001035807, NP_003507
UniProt:	Q6FI13
Pathways:	Telomere Maintenance

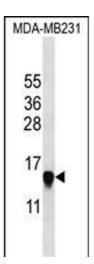
## Application Details

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

# Handling

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:	HIST2H2AA3 Antibody (N-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

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#### Western Blotting

**Image 1.** HIST2H2 Antibody (N-term) (ABIN657623 and ABIN2846619) western blot analysis in MDA-M cell line lysates (35 µg/lane).This demonstrates the HIST2H2 antibody detected the HIST2H2 protein (arrow).

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