Datasheet for ABIN657626

anti-HIST2H2AB antibody (N-Term)

1 Image

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Overview

Quantity:	400 µL
Target:	HIST2H2AB (Hist2h2ab)
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIST2H2AB antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This HIST2H2AB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human HIST2H2AB.
Clone:	RB33635
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat, B, C
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HIST2H2AB (Hist2h2ab)
Alternative Name:	HIST2H2AB (Hist2h2ab Products)

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Target Details

Background:	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H2A family. Transcripts from this gene contain a palindromic termination element.
Molecular Weight:	13995
Gene ID:	317772
NCBI Accession:	NP_778235
UniProt:	Q8IUE6

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:	HIST2H2AB 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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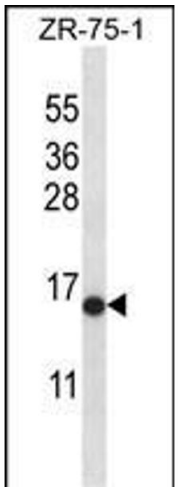

Western Blotting

Image 1. HIST2H2AB Antibody (N-term) (ABIN657626 and ABIN2846622) western blot analysis in ZR-75-1 cell line lysates (35 µg/lane).This demonstrates the HIST2H2AB antibody detected the HIST2H2AB protein (arrow).

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