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Datasheet for ABIN651540
anti-HIST1H2AK antibody (N-Term)

1 Image

Overview

Quantity:	400 µL
Target:	HIST1H2AK
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIST1H2AK antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This HIST1H2AK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human HIST1H2AK.
Clone:	RB26883
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:	HIST1H2AK
Alternative Name:	HIST1H2AK (HIST1H2AK Products)

Target Details

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.

Molecular Weight: 14091

Gene ID: 8330

NCBI Accession: [NP_003500](#), [NP_003501](#), [NP_003502](#), [NP_003505](#), [NP_066408](#)

UniProt: [P0C0S8](#)

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.

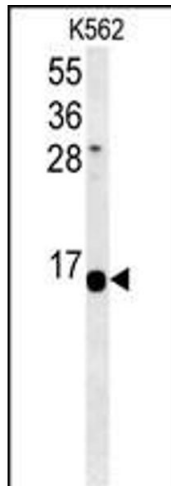
Preservative: Sodium azide

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: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Western Blotting

Image 1. HIST1H2AK Antibody (N-term) (ABIN651540 and ABIN2840289) western blot analysis in K562 cell line lysates (35 µg/lane). This demonstrates the HIST1H2AK antibody detected the HIST1H2AK protein (arrow).