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Datasheet for ABIN6243816
anti-HIST3H2A antibody (N-Term)

1 Image

Overview

Quantity:	50 µL
Target:	HIST3H2A
Binding Specificity:	AA 33-67, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIST3H2A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This HIST3H2A antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 33-67 amino acids from the N-terminal region of human HIST3H2A.
Clone:	RB48017
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HIST3H2A
Alternative Name:	HIST3H2A (HIST3H2A Products)
Background:	Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting

Target Details

DNA accessibility 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.

Molecular Weight: 14121

UniProt: [Q7L7L0](#)

Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

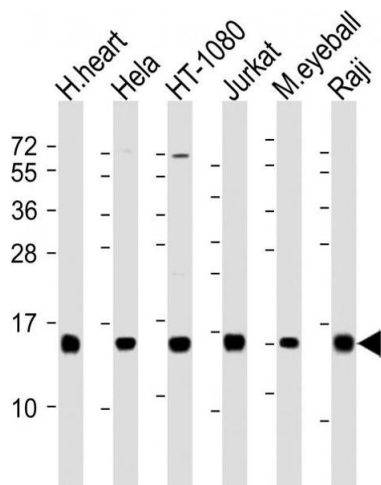
Preservative: Sodium azide

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

Expiry Date: 6 months

Images



Western Blotting

Image 1. All lanes : Anti-HIST3H2A Antibody (N-term) at 1:2000 dilution Lane 1: human heart lysate Lane 2: HeLa whole cell lysate Lane 3: HT-1080 whole cell lysate Lane 4: Jurkat whole cell lysate Lane 5: mouse eyeball lysate Lane 6: Raji whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 14 kDa Blocking/Dilution buffer: 5 % NFDN/TBST.