

Datasheet for ABIN1881417  
**anti-HIST2H2AC antibody (AA 18-46)**[Go to Product page](#)

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## Overview

Quantity:	400 µL
Target:	HIST2H2AC
Binding Specificity:	AA 18-46
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIST2H2AC antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This HIST2H2AC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 18-46 amino acids from the Central region of human HIST2H2AC.
Clone:	RB41799
Isotype:	Ig Fraction
Predicted Reactivity:	Rat, B, X, M, C, Pr, Zf, D
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	HIST2H2AC
Alternative Name:	HIST2H2AC ( <a href="#">HIST2H2AC Products</a> )

## 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:** 13988

**NCBI Accession:** [NP\\_003508](#)

**UniProt:** [Q16777](#)

## 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

**Expiry Date:** 6 months

## Publications

**Product cited in:** Xiang, Jiang, Liu, Zhang, Zhu: "hMan2c1 transgene promotes tumor progress in mice." in: **Transgenic research**, Vol. 19, Issue 1, pp. 67-75, (2010) ([PubMed](#)).

Tian, Ju, Zhou, Liu, Zhu: "Inhibition of alpha-mannosidase Man2c1 gene expression suppresses growth of esophageal carcinoma cells through mitotic arrest and apoptosis." in: **Cancer science**, Vol. 99, Issue 12, pp. 2428-34, (2008) ([PubMed](#)).

Publications

Qu, Ju, Chen, Shi, Xiang, Zhou, Tian, Liu, Zhu: "Inhibition of the alpha-mannosidase Man2c1 gene expression enhances adhesion of Jurkat cells." in: **Cell research**, Vol. 16, Issue 7, pp. 622-31, (2006) ([PubMed](#)).

Images



Western Blotting

**Image 1.** HIST2H2AC Antibody (Center) (ABIN1881417 and ABIN2838869) western blot analysis in 293 cell line lysates (35 µg/lane). This demonstrates the HIST2H2AC antibody detected the HIST2H2AC protein (arrow).