

Datasheet for ABIN2463430
anti-HIST2H2AC antibody



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1 Image

Overview

Quantity:	100 µL
Target:	HIST2H2AC
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIST2H2AC antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human HIST2H2AC.
Purification:	Antibody is purified by protein A chromatography method.

Target Details

Target:	HIST2H2AC
Alternative Name:	HIST2H2AC (HIST2H2AC 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.

Target Details

HIST2H2AC is a member of the histone H2A family. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Molecular Weight: 14 kDa

Gene ID: 8338

NCBI Accession: [NP_003508](#)

UniProt: [Q16777](#)

Application Details

Application Notes: HIST2H2AC antibody can be used for detection of HIST2H2AC by ELISA at 1:1562500.
HIST2H2AC antibody can be used for detection of HIST2H2AC by western blot at 2.5 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL.

Concentration: 1 mg/mL

Buffer: Antibody is lyophilized in PBS buffer with 2 % sucrose.

Handling Advice: As with any antibody avoid repeat freeze-thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: For short periods of storage (days) store at 4 °C. For longer periods of storage, store HIST2H2AC antibody at -20 °C.



Western Blotting

Image 1.