

Datasheet for ABIN7464449

anti-HIST2H2AA3 antibody (acLys5)



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Overview

Quantity:	100 µL
Target:	HIST2H2AA3
Binding Specificity:	acLys5
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HIST2H2AA3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide surrounding acetyl Lys5 of human Histone H2A. The exact sequence is proprietary.
Clone:	GT1262
Isotype:	IgG3
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Affinity purified by Protein G.

Target Details

Target:	HIST2H2AA3
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Target Details

Alternative Name:	histone cluster 2, H2aa3 (HIST2H2AA3 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. This gene is intronless and encodes a member of the histone H2A family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated, this record represents the centromeric copy. [provided by RefSeq]
Molecular Weight:	14 kDa
Gene ID:	8337
Pathways:	Telomere Maintenance

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: HeLa , HeLa (0.4 µM Trichostatin A for 18 hr) Validation: Orthogonal
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.96 mg/mL
Buffer:	PBS, No Preservative
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.