

Datasheet for ABIN7464508

anti-HIST1H3A antibody (2meLys79)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	HIST1H3A
Binding Specificity:	2meLys79
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIST1H3A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide surrounding di-methyl Lys79 of human Histone H3. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	HIST1H3A
Alternative Name:	histone cluster 1, H3a (HIST1H3A Products)
Background:	Di Methyl Lys79 Histone H3 Antibody , Histone H3 di Methyl Antibody , di-Methyl K79 Histone

Target Details

H3 Antibody , di Methyl Histone H3 Antibody , histone cluster 1, H3a Antibody , H3/A Antibody , HIST1H3A Antibody , di-Methyl Lys79 Histone H3 Antibody , Histone H,Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H3 family. Transcripts from this gene lack polyA tails, instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq]

Molecular Weight: 15 kDa

Gene ID: 8350

Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.
Not tested in other applications.

Comment: Positive Control: HeLa nuclear extract
Validation: Orthogonal

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.025 % ProClin 300

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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.