

Datasheet for ABIN7464484
anti-HIST1H3A antibody (pSer10)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	HIST1H3A
Binding Specificity:	pSer10
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HIST1H3A antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide surrounding phospho Ser10 of human Histone H3. The exact sequence is proprietary.
Clone:	GT921
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Affinity purified by Protein G.

Target Details

Target:	HIST1H3A
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Target Details

Alternative Name:	histone cluster 1, H3a (HIST1H3A Products)
Background:	Histone cluster 1 , H3a Antibody , H3/A Antibody , HIST1H3A Antibody , H3FA Antibody,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]
Gene ID:	8350

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 (100 ng/ml Nocodazole treatment for 24 hr) Validation: Orthogonal
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 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.