antibodies.com

## Datasheet for ABIN358137 anti-Histone H3.1 antibody (pSer10)

Image



Overview

Quantity:200 µLTarget:Histone H3.1 (HIST1H3B)Binding Specificity:pSer10Reactivity:HumanHost:RabbitClonality:PolyclonalClonality:PolyclonalConjugate:This Histone H3.1 antibody is un-conjugatedApplication:Immunohistochemistry (Paraffin-embedded Sections) (HC (p)), Enzyme Immunoassay (EIA)Product DetailsThis antibody is generated from rabbits immunized with MAPS conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S10 of human HIST1H3B.Isotype:Ig FractionSpecificity:This antibody detects HIST1H3B3 pSer10.Purification:Protein G Affinity Chromatography. Then, the antibody fraction is peptide affinity purified in a 2- step procedure with control and phosphorylated peptides. The phospho-specific antibody is eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.		
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## Target Details

Target:

Histone H3.1 (HIST1H3B)

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Target Details	
Alternative Name:	Histone H3.1 (HIST1H3B Products)
Background:	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.Synonyms: H3/a, H3/b, H3/c, H3/d, H3/f, H3/h, H3/i, H3/j, H3/k, H3/l, H3FA, HIST1H3A,
	HIST1H3B, HIST1H3C, HIST1H3D, HIST1H3E, HIST1H3F, HIST1H3G, HIST1H3H, HIST1H3I,
	HIST1H3J
Molecular Weight:	15273 Da
Gene ID:	8350, 9606
UniProt:	P68431
Application Details	
Application Notes:	ELISA: 1/1,000. Immunohistochemistry: 1/50-1/100.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C

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Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

## Images

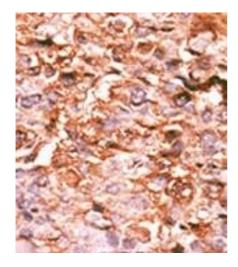


Image 1.

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