

Datasheet for ABIN5689294

anti-Histone H3.1 antibody (AA 8-12)[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	Histone H3.1 (HIST1H3B)
Binding Specificity:	AA 8-12
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Histone H3.1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Histone H3.1 (Ab-10) antibody was raised against a peptide sequence around aa.8~12 (R-K-S-T-G) derived from Human Histone H3.1.
Specificity:	This antibody detects endogenous level of total Histone H3.1 protein.
Purification:	Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Target Details

Target:	Histone H3.1 (HIST1H3B)
Alternative Name:	Histone H3.1 (HIST1H3B Products)
Background:	Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and

Target Details

	chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.
Molecular Weight:	17 kDa
Gene ID:	8351
NCBI Accession:	NP_003521
UniProt:	P68431

Application Details

Application Notes:	Western Blot: 1:500~1:1000, Immunofluorescence: 1:100~1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Antibody supplied in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store antibody at -20°C for up to one year.