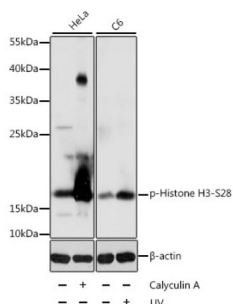


HIST1H3B (pS29) Antibody

Catalogue No.: abx000165



Western blot analysis of various lysates using Phospho-Histone H3-S28 Antibody at 1/1000 dilution. HeLa cells were treated by Calyculin A (100nM) for 30 minutes after serum-starvation overnight. C6 cells were treated by UV for 15-30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% BSA. Exposure time: 1s.

HIST1H3B (pS29) Antibody is a Rabbit Polyclonal antibody against HIST1H3B (pS29). 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.

Target:	HIST1H3B (pS29)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	A synthetic phosphorylated peptide around S28 of human Histone H3.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 6.0.0
Revision date: 22 Jun 2025



UniProt Primary AC:	P68431 (UniProt , ExPASy)
Gene Symbol:	H3C1
GeneID:	8358
NCBI Accession:	NP_003528.1
KEGG:	hsa:8350, hsa:8351, hsa:8352, hsa:8353, hsa:8354, hsa:8355, hsa:8356, hsa:8357, hsa:8358, hsa:8968
String:	9606.ENSP00000484841
Molecular Weight:	Calculated MW: 15 kDa Observed MW: 17 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.