# Phospho-Histone H3-S28 Rabbit pAb

www.abclonal.com

**ABclonal** 

Catalog No.: AP0097

## **Basic Information**

### **Observed MW**

17kDa

### **Calculated MW**

15kDa

### Category

Primary antibody

### **Applications**

WB, ELISA

### **Cross-Reactivity**

Human, Mouse, Rat, Other (Wide Range Predicted)

## **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 replication-dependent histone that is 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.

## **Recommended Dilutions**

**WB** 1:500 - 1:2000

**ELISA** 

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

**Gene ID Swiss Prot**8290/8350
Q16695/P68431

### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

## **Synonyms**

H3/A; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FA; H3C10; H3C11; H3C12; HIST1H3A; Phospho-Histone H3-S28

### **Contact**

<u>a</u>	400-999-6126
$\bowtie$	cn.market@abclonal.com.cn
$\odot$	www.abclonal.com.cn

### **Product Information**

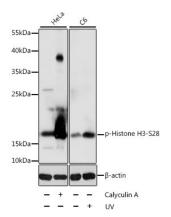
SourceIsotypePurificationRabbitIgGAffinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## **Validation Data**



Western blot analysis of various lysates using Phospho-Histone H3-S28 Rabbit pAb (AP0097) 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) (AS014) at 1:10000 dilution.

Lysates/proteins:  $25\mu g$  per lane. Blocking buffer: 3% BSA.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.