

Phospho-Histone H3 (S28) Antibody
Rabbit mAb
Catalog # AP93219

Specification

Phospho-Histone H3 (S28) Antibody - Product Information

Application	WB, IHC, ICC
Primary Accession	P68431
Reactivity	Rat
Clonality	Monoclonal
Other Names	
Histone H3;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	15404 Da

Phospho-Histone H3 (S28) Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Phospho-Histone H3 (S28)
Description	Variant histone H3 which replaces conventional H3 in a wide range of nucleosomes in active genes. Constitutes the predominant form of histone H3 in non-dividing cells and is incorporated into chromatin independently of DNA synthesis.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Phospho-Histone H3 (S28) Antibody - Protein Information

Name H3C1 ([HGNC:4766](#))

Synonyms H3FA, HIST1H3A

Function

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 chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

Cellular Location

Nucleus. Chromosome.

Phospho-Histone H3 (S28) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Phospho-Histone H3 (S28) Antibody - Images