

Phospho-Histone H3-S11

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:20 - 1:50

Calculated MW: 17kDa

Observed MW: Refer to Figures

Immunogen:

A phospho specific peptide corresponding to residues surrounding S11 of human Histone H3

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

q

Synonym:

H3/a; H3/c; H3/d; H3/f; H3/h;

Catalog #: AP0102

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 8290

Isotype: IgG

Swiss Prot: Q16695

Purity: Affinity purification

For research use only.

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

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