

Acetyl-Histone H3 Polyclonal Antibody

CATALOG #: 3655-100

AMOUNT: 100 µg

LOT #: _____

FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti-Acetyl-Histone H3 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA, 0.02% sodium azide.

SPECIES REACTIVITY: human, mouse, rat

STORAGE CONDITIONS:

Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

BACKGROUND:

The core histone proteins (H2A, H2B, H3, and H4) in nucleosome undergo different posttranslational modifications including acetylation, phosphorylation, and methylation. These modifications occur in response to cell stimuli and play an important role in regulating gene expression.

SPECIFICITY:

The antibody detects 17 kDa Histone H3 when acetylated at Lys9 in samples from human, mouse, and rat origins. The antibody does not cross-react with other acetylated histones.

APPLICATION AND USAGE:

The antibody can be used for Western blotting (1-4 µg/ml), immunoprecipitation (10-20 µg/ml), and immunohistochemistry (10-20 µg/ml). However, the optimal conditions should be determined individually. Other applications have not been determined.

NOTE: For research use only! Not to be used in human.

RELATED PRODUCTS:

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- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

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- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
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- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
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- 5 Minutes DNA Ligation Kit
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