

Acetyl-Histone H4 Polyclonal Antibody

CATALOG #: 3656-100

AMOUNT: 100 µg

LOT #: _____

FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti-Acetyl-Histone H4 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA, 0.02% thimerosal.

SPECIES REACTIVITY: human, mouse, rat

STORAGE CONDITIONS:

Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/defrost 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 11 kDa Histone H4 when acetylated at Lys8 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 (15-25 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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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

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

Cell Proliferation & Senescence

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- 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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