

HAT-2 Polyclonal Antibody

CATALOG #: 3692-100

AMOUNT: 100 µg

LOT #: _____

HOST: Rabbit

IMMUNOGEN: Synthetic peptide mapping to the N-terminus of human HAT-2 (ID# BV-261).

FORMULATION:

100 µg (0.5 mg/ml) Protein A affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% 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.

DESCRIPTION:

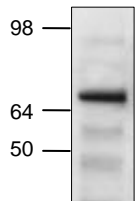
Histone acetyltransferases (HATs) have been implicated in a number of cellular functions including gene regulation, DNA synthesis, and repair. Histone acetyltransferases and deacetylases are, respectively, the enzymes devoted to the addition and removal of acetyl groups from lysine residues on the histone N-terminal tails. The enzymes exert fundamental roles in developmental processes and their deregulation has been linked to the progression of diverse human disorders, including cancer.

SPECIFICITY:

The antibody recognizes ~65 kDa HAT-2 from human samples, and in a lesser extent, from mouse and rat samples. Jurkat cell lysate (Cat.# 2401-100) can be used as a positive control. Blocking peptide (Cat.# 3692BP-50) is also available.

APPLICATION:

The antibody can be used for Western blotting (0.5-4 µg/ml). However, the optimal concentrations should be determined individually.



Cat.# 3692-100
Western blot analysis
of HAT-2 expression in
Jurkat cell lysate.

RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
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- 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
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- Bioluminescence Cytotoxicity Assay Kit
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- DNA Damage Quantification Kit
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