

## HAT-2 Polyclonal Antibody

**CATALOG NO:** 3692-30T 30 µg (Trial size)  
3692-100 100 µg

**HOST:** Rabbit

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

### FORMULATION:

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/thaw cycles.

### DESCRIPTION:

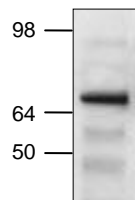
Histone acetyltransferases (HATs) have been implicated in a number of cellular functions including gene regulation, DNA synthesis, and repair. Histone acetyltransferases and deacetylases are, respectively, the enzymes devoted to the addition and removal of acetyl groups from lysine residues on the histone 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.

**FOR RESEARCH USE ONLY! Not to be used on humans.**

### RELATED PRODUCTS:

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