

## HAT-3 Polyclonal Antibody

<b>CATALOG NO:</b>	3707-30T	30 µg (Trial size)
	3707-100	100 µg
<b>HOST:</b>	Rabbit	
<b>IMMUNOGEN:</b>	Synthetic peptide containing amino acids near the C-terminus of the human HAT-3 (ID# BV-85).	
<b>SPECIES REACTIVITY:</b>	Human, Mouse, Rat	

### FORMULATION:

0.5 mg/ml in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.03% Proclin

### STORAGE CONDITIONS:

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

### DESCRIPTION:

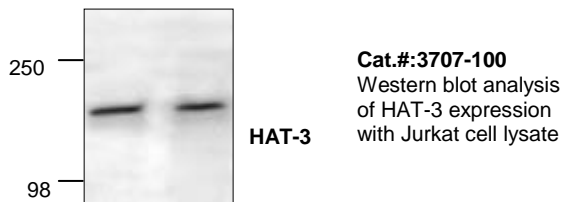
Histone acetyltransferases (HATs) have been implicated in a number of cellular functions including gene regulation, DNA synthesis, and repair. Histone acetyltransferases and deacetylases are respectively, the enzymes devoted to the addition and removal of acetyl groups from lysine residues on the Histone 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 220 kDa human HAT-3. A 50 kDa unknown band can also be detected. Reactivity to other species has not been determined. Blocking peptide (Cat.# 3707BP-50) is available separately.

### APPLICATION:

The antibody can be used for Western blotting (2-6 µg/ml). However, the optimal concentrations should be determined individually. Jurkat cell lysate (Cat.# 2401-100) can be used as a positive control.



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

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