

HAT1

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF IP ChIP

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200 IP 1:50 - 1:200

ChIP 1:20 - 1:100

Calculated MW: 49kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human HAT1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

1 mg/ml

Synonym:

KAT1;

Catalog #: A6188

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 8520

Isotype: IgG

Swiss Prot: O14929

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene is a type B histone acetyltransferase (HAT) that is involved in the rapid acetylation of newly synthesized cytoplasmic histones, which are in turn imported into the nucleus for de novo deposition onto nascent DNA chains. Histone acetylation, particularly of histone H4, plays an important role in replication-dependent chromatin assembly. Specifically, this HAT can acetylate soluble but not nucleosomal histone H4 at lysines 5 and 12, and to a lesser degree, histone H2A at lysine 5. Alternatively spliced transcript variants have been identified for this gene.

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