

HAT-3 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10540**Specification**

HAT-3 Antibody - Product Information

Application	WB
Primary Accession	O92794
Other Accession	NP_006757
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	225028

HAT-3 Antibody - Additional Information**Gene ID** 7994

Application & Usage	Western blotting (2-6 µg/ml). However, the optimal concentrations should be determined individually. Jurkat cell lysate can be used as a positive control. 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.
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Other Names

Histone acetyltransferase , MYST , RUNXBP2 , SAS2 , TIP60 , MOZ

Target/Specificity

HAT3

Antibody Form

Liquid

Appearance

Colorless liquid

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.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

HAT-3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

HAT-3 Antibody - Protein Information

Name KAT6A

Synonyms MOZ, MYST3, RUNXBP2, ZNF220

Function

Histone acetyltransferase that acetylates lysine residues in histone H3 and histone H4 (in vitro). Component of the MOZ/MORF complex which has a histone H3 acetyltransferase activity. May act as a transcriptional coactivator for RUNX1 and RUNX2. Acetylates p53/TP53 at 'Lys-120' and 'Lys-382' and controls its transcriptional activity via association with PML.

Cellular Location

Nucleus. Nucleus, nucleolus. Nucleus, nucleoplasm. Nucleus, PML body. Note=Recruited into PML body after DNA damage

HAT-3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HAT-3 Antibody - Images**HAT-3 Antibody - Background**

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.