

HAT-1 Blocking Peptide
Catalog # PBV10314b**Specification**

HAT-1 Blocking Peptide - Product Information

Primary Accession	O9H7Z6
Other Accession	NP_115564
Gene ID	84148
Calculated MW	52403

HAT-1 Blocking Peptide - Additional Information**Gene ID** 84148**Application & Usage**

The peptide is used for blocking the antibody activity of active HAT-1. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30 minutes at 37°C

Other Names

Histone acetyltransferase KAT8, 2.3.1.48, Lysine acetyltransferase 8, MOZ, YBF2/SAS3, SAS2 and TIP60 protein 1, MYST-1, hMOF, KAT8, MOF, MYST1

Target/Specificity

HAT-1

Formulation

50 µg (0.2 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 0.1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

HAT-1 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

HAT-1 Blocking Peptide - Protein Information**Name** KAT8**Synonyms** MOF, MYST1**Function**

Histone acetyltransferase which may be involved in transcriptional activation (PubMed:12397079, PubMed:22020126). May influence the function of ATM (PubMed:15923642). As part of the MSL complex it is involved in acetylation of nucleosomal histone H4 producing specifically H4K16ac (PubMed:16227571, PubMed:16543150, PubMed:21217699, PubMed:22547026, PubMed:22020126). As part of the NSL complex it may be involved in acetylation of nucleosomal histone H4 on several lysine residues (PubMed:20018852, PubMed:22547026). That activity is less specific than the one of the MSL complex (PubMed:20018852, PubMed:22547026). Can also acetylate TP53/p53 at 'Lys-120'.

Cellular Location

Nucleus. Chromosome

HAT-1 Blocking Peptide - 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-1 Blocking Peptide - Images