

KAT8 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV11142**Specification**

KAT8 Antibody - Product Information

Application	WB
Primary Accession	Q9H7Z6
Other Accession	NP_115564
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	52403

KAT8 Antibody - Additional Information**Gene ID** 84148

Positive Control	Western Blot: HeLa cell lysates
Application & Usage	Western blot: 1:500 - 1:1000
Other Names	
MOF, hMOF, MYST1, ZC2HC8, KAT8	

Target/Specificity
KAT8**Antibody Form**
Liquid**Appearance**
Colorless liquid**Formulation**
100 µg of antibody in 100 µl PBS containing 0.02% sodium azide, 50% glycerol, pH 7.3**Handling**
The antibody solution should be gently mixed before use.**Reconstitution & Storage**
-20 °C**Background Descriptions****Precautions**
KAT8 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**KAT8 Antibody - 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

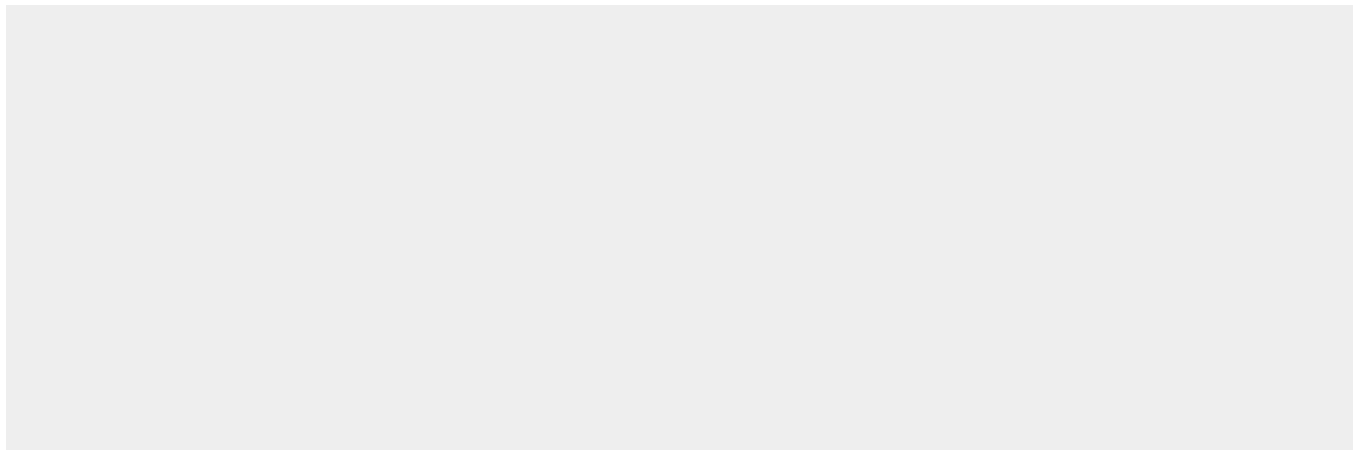
Nucleus. Chromosome

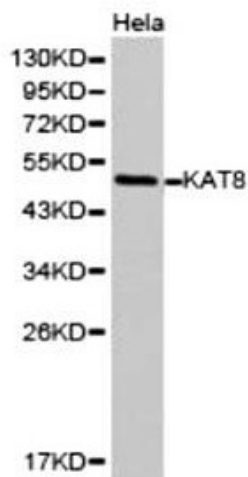
KAT8 Antibody - Protocols

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](#)

KAT8 Antibody - Images





WB of HeLa cell extract with KAT8 pAb.

KAT8 Antibody - Background

This gene encodes a member of the MYST histone acetylase protein family. The encoded protein has a characteristic MYST domain containing an acetylCoA binding site, a chromodomain typical of proteins which bind histones, and a C2HC type zinc finger. Multiple transcript variants encoding different isoforms have been found for this gene. [Provided by RefSeq, Feb 2012].