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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

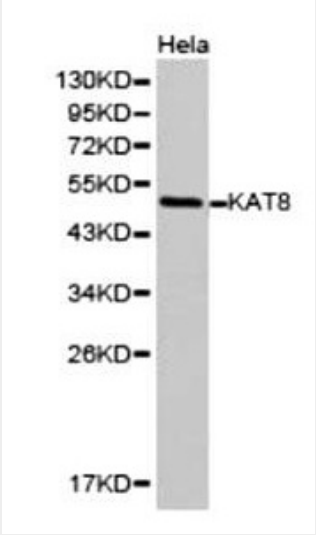
KAT8 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KAT8 Antibody - Images

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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 acetylCoAbinding site, a chromodomain typical of proteins which bind histones, and a C2HCtype zinc finger. Multiple transcript variants encoding different isoforms have been found for this gene. [Provided by RefSeq, Feb 2012].