

**Product Name: KAT8 / MYST1 / MOF (9E16) Rabbit
Monoclonal Antibody
Catalog #: AMRe12907**



Summary

Production Name	KAT8 / MYST1 / MOF (9E16) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	KAT8
Alternative Names	hMOF; MOF; MOZ; MYST1; SAS2; SAS3; YBF2; YBF2/SAS3; ZC2HC8;
Gene ID	84148.0
SwissProt ID	Q9H7Z6.

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	52kDa

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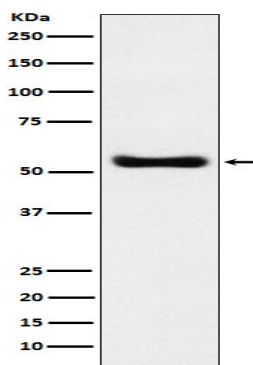


Background

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

Research Area

Image Data



Western blot analysis of KAT8 / MYST1 / MOF expression in HeLa cell lysate.

Note

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