

MOZ/MYST3 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12197B**Specification**

MOZ/MYST3 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O92794
Other Accession	NP_001092882
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	1319-1351

MOZ/MYST3 Antibody (C-term) - Additional Information**Gene ID** 7994**Other Names**

Histone acetyltransferase KAT6A, MOZ, YBF2/SAS3, SAS2 and TIP60 protein 3, MYST-3, Monocytic leukemia zinc finger protein, Runt-related transcription factor-binding protein 2, Zinc finger protein 220, KAT6A, MOZ, MYST3, RUNXBP2, ZNF220

Target/Specificity

This MOZ/MYST3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1319-1351 amino acids from the C-terminal region of human MOZ/MYST3.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MOZ/MYST3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MOZ/MYST3 Antibody (C-term) - 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

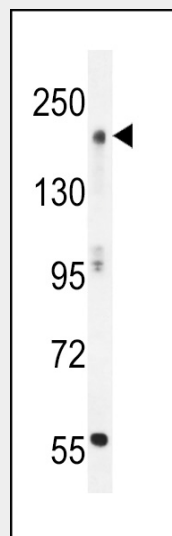
Nucleus. Nucleus, nucleolus. Nucleus, nucleoplasm. Nucleus, PML body. Note=Recruited into PML body after DNA damage

MOZ/MYST3 Antibody (C-term) - 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](#)

MOZ/MYST3 Antibody (C-term) - Images



MOZ/MYST3 Antibody (C-term) (Cat. #AP12197b) western blot analysis in mouse stomach tissue lysates (35ug/lane). This demonstrates the MOZ/MYST3 antibody detected the MOZ/MYST3 protein (arrow).

MOZ/MYST3 Antibody (C-term) - Background

Component of the MOZ/MORF complex which has a histone H3 acetyltransferase activity. Histone acetyltransferase which may act as a transcriptional coactivator for RUNX1 and RUNX2.

MOZ/MYST3 Antibody (C-term) - References

Paggetti, J., et al. Oncogene 29(36):5019-5031(2010)
Rokudai, S., et al. J. Biol. Chem. 284(1):237-244(2009)

Murati, A., et al. Leukemia 23(1):85-94(2009)
Ullah, M., et al. Mol. Cell. Biol. 28(22):6828-6843(2008)
Katsumoto, T., et al. Cancer Sci. 99(8):1523-1527(2008)