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MOZ/MYST3 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12197B

Product Information

Application	WB, E
Primary Accession	Q92794
Other Accession	NP_001092882
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB14291
Calculated MW	225028
Antigen Region	1319-1351

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 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. 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.

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

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.

References

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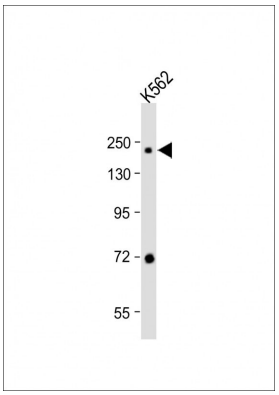
Rokudai, S., et al. J. Biol. Chem. 284(1):237-244(2009)
Murati, A., et al. Leukemia 23(1):85-94(2009)
Ullah, M., et al. Mol. Cell. Biol. 28(22):6828-6843(2008)
Katsumoto, T., et al. Cancer Sci. 99(8):1523-1527(2008)

Images



All lanes : Anti-MOZ/MYST3 Antibody (C-term) at 1:1000 dilution Lane 1: K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size : 225kDa Blocking/Dilution buffer: 5% NFDM/TBST.