

MOZ / KAT6A Antibody (Internal region)
Peptide-affinity purified goat antibody
Catalog # AF2970a

Specification

MOZ / KAT6A Antibody (Internal region) - Product Information

Application	E
Primary Accession	O92794
Other Accession	NP_006757.2 , 7994
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	225028

MOZ / KAT6A Antibody (Internal region) - Additional Information

Gene ID 7994

Other Names

Histone acetyltransferase KAT6A, 2.3.1.48, 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

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MOZ / KAT6A Antibody (Internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

MOZ / KAT6A Antibody (Internal region) - 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 / KAT6A Antibody (Internal region) - 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 / KAT6A Antibody (Internal region) - Images**MOZ / KAT6A Antibody (Internal region) - Background**

Reported variants NP_001092882.1, NP_006757.2, NP_001092883.1 represent identical protein.

MOZ / KAT6A Antibody (Internal region) - References

Monocytic leukemia zinc finger (MOZ) interacts with p53 to induce p21 expression and cell-cycle arrest. Rokudai S, Aikawa Y, Tagata Y, Tsuchida N, Taya Y, Kitabayashi I. J Biol Chem. 2009 Jan 2;284(1):237-44. PMID: 19001415