

**MYST3 / MOZ Antibody (Internal)**  
**Goat Polyclonal Antibody**  
**Catalog # ALS13375****Specification**

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**MYST3 / MOZ Antibody (Internal) - Product Information**

Application	IHC
Primary Accession	<a href="#">O92794</a>
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	225kDa KDa

**MYST3 / MOZ Antibody (Internal) - 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

**Target/Specificity**

Human MYST3. Reported variants NP\_001092882.1, NP\_006757.2, NP\_001092883.1 represent identical protein.

**Reconstitution & Storage**

Store at -20°C. Minimize freezing and thawing.

**Precautions**

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

**MYST3 / MOZ Antibody (Internal) - 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**

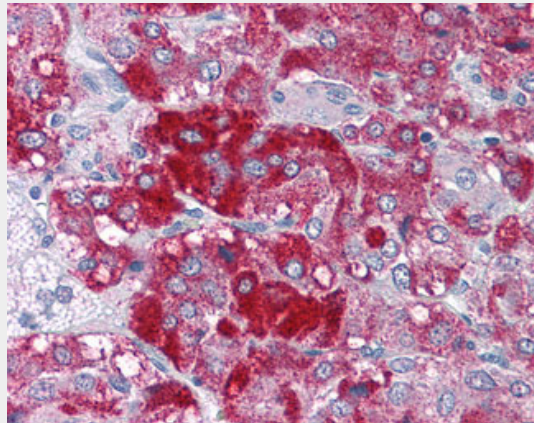
Nucleus. Nucleus, nucleolus. Nucleus, nucleoplasm. Nucleus, PML body. Note=Recruited into PML body after DNA damage

## MYST3 / MOZ Antibody (Internal) - 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](#)

## MYST3 / MOZ Antibody (Internal) - Images



Anti-MYST3 antibody IHC of human adrenal.

## MYST3 / MOZ Antibody (Internal) - Background

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.

## MYST3 / MOZ Antibody (Internal) - References

- Borrow J., et al. *Nat. Genet.* 14:33-41(1996).  
Nusbaum C., et al. *Nature* 439:331-335(2006).  
Hosoda F., et al. Submitted (APR-2002) to the EMBL/GenBank/DDBJ databases.  
Carapeti M., et al. *Blood* 91:3127-3133(1998).  
Chaffanet M., et al. *Genes Chromosomes Cancer* 28:138-144(2000).