

DATASHEET

MOZ Rabbit Polyclonal Antibody

CAT. NO. APA15950

KEY FEATURES

Target	MOZ	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IHC, IF/ICC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

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 . May play a role in leukemogenic gene transcription .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IHC	1:50 - 1:200
IF/ICC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to MOZ
Specificity	Recognizes endogenous levels of MOZ protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human MOZ. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 225 kD; Observed: 250 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	MOZ; MYST3; RUNXBP2; ZNF220; 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
Gene Symbol	KAT6A
Entrez Gene	7994(Human); 306571(Rat)
SwissProt	Q92794(Human); Q8BZ21(Mouse); Q5TKR9(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

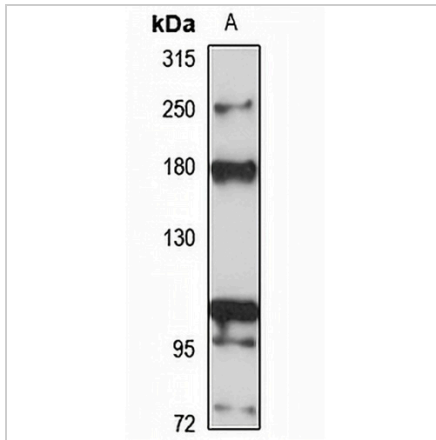
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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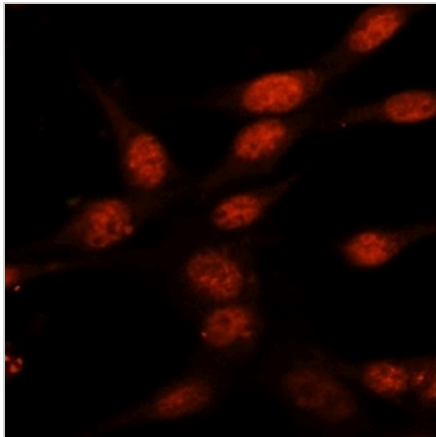
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DATA



Western blot analysis of MOZ expression in HEK293T (A) whole cell lysates. (Predicted band size: 225 kD; Observed band size: 250 kD)



Immunofluorescent analysis of MOZ staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.