

Anti-KAT6A antibody



Description	Unconjugated Rabbit polyclonal to KAT6A
Model	STJ190372
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human KAT6A protein.
Immunogen Region	160-240aa
Gene ID	7994
Gene Symbol	KAT6A
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	KAT6A Polyclonal Antibody detects endogenous levels of protein.
Purification	KAT6A antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	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
Molecular Weight	220 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:13013 OMIM:601408
Alternative 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
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.
Sequence and Domain Family	The N-terminus is involved in transcriptional activation while the C-terminus is involved in transcriptional repression.
Cellular Localization	Nucleus. Nucleus, nucleolus. Nucleus, nucleoplasm. Nucleus, PML body. Recruited into PML body after DNA damage.
Post-translational Modifications	Autoacetylation at Lys-604 is required for proper function . Autoacetylated. Phosphorylation at Thr-369 by PKB/AKT1 inhibits its interaction with PML and negatively regulates its acetylation activity towards p53/TP53.