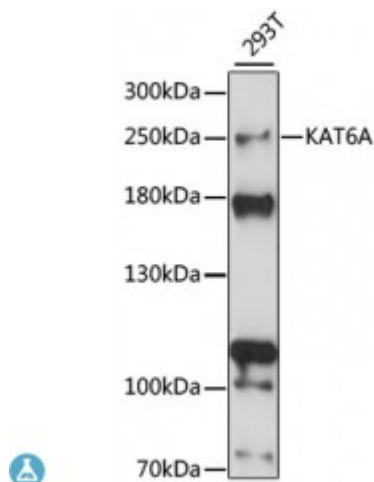


Anti-KAT6A Antibody



Description

This gene encodes a member of the MOZ, YBFR2, SAS2, TIP60 family of histone acetyltransferases. The protein is composed of a nuclear localization domain, a double C2H2 zinc finger domain that binds to acetylated histone tails, a histone acetyl-transferase domain, a glutamate/aspartate-rich region, and a serine- and methionine-rich transactivation domain. It is part of a complex that acetylates lysine-9 residues in histone 3, and in addition, it acts as a co-activator for several transcription factors. Allelic variants of this gene are associated with autosomal dominant mental retardation-32. Alternative splicing results in multiple transcript variants.

Model	STJ117202
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 800-1000 of human KAT6A (NP_001092883.1).
Gene ID	7994
Gene Symbol	KAT6A
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Histone acetyltransferase KAT6A

Molecular Weight	225.028 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:13013OMIM:601408Reactome:R-HSA-3214847
Alternative Names	Histone acetyltransferase KAT6A
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 Localization	Nucleus, Nucleus, nucleolus, Nucleus, nucleoplasm, Nucleus, PML body,
Post-translational Modifications	Autoacetylation at Lys-604 is required for proper function , Autoacetylated,

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