

Anti-KAT6A Antibody (Monoclonal, 33K13)

Catalog Number: M02949

About KAT6A

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 an autosomal dominant form of cognitive disability. Chromosomal translocations of this gene are associated with acute myeloid leukemia. Alternative splicing results in multiple transcript variants.

Overview

Product Name	Anti-KAT6A Antibody (Monoclonal, 33K13)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-KAT6A Antibody (Monoclonal, 33K13) catalog # M02949. Tested in WB, IHC, ICC/IF, Flow Cytometry, ChIP applications. This antibody reacts with Human, Mouse, Rat.
Application	ChIP, Flow Cytometry, IF, IHC, ICC, WB
Clonality	Monoclonal 33K13
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q92794

Technical Details

Immunogen	Recombinant protein within human KAT6A aa 787-1032.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.

Suggested Dilutions

Western blot, 1:500-2000
Immunohistochemistry, 1:50-200
Immunocytochemistry/Immunofluorescence, 1:50-200
Flow Cytometry (Fixed), 1:50-200

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