

KAT6A Antibody | anti-KAT6A antibody

KAT6A Polyclonal Antibody

CATALOG #
AAA28281

APPLICATIONS
Western Blot, Immunohistochemistry, Immunofluorescence

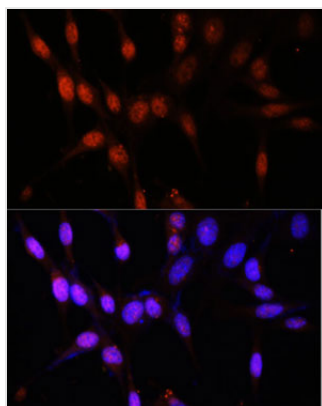
PRODUCT SYNONYMS

KAT6A; KAT6A Polyclonal Antibody; MOZ; MRD32; MYST-3; MYST3; RUNXBP2; ZC2HC6A; ZNF220; lysine acetyltransferase 6A; anti-KAT6A antibody

PRODUCT SPECIFICATIONS

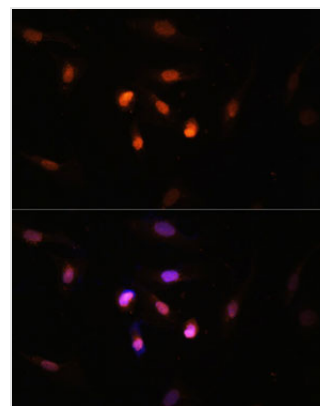
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Applicable Applications for anti-KAT6A antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 0.5-2ug/mL IHC: 5-20ug/mL IF: 1:50-1:200 Optimal working dilutions must be determined by end user.
Source	Rabbit
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 800-1000 of human KAT6A (NP_001092883.1).
Species Reactivity/Cross-Reactivity	Human; Mouse; Rat
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

IMAGES



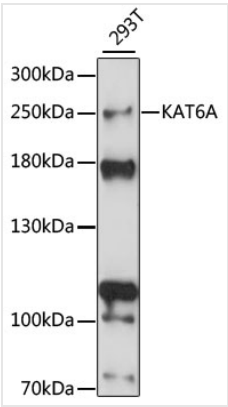
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using KAT6A antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using KAT6A antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of 293T cells, using KAT6A antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AAA28281) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-KAT6A antibody	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.
Product Categories/Family for anti-KAT6A antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	150378493
NCBI GeneID	7994
NCBI Accession #	NP_006757.2
NCBI GenBank Nucleotide #	NM_006766.4
UniProt Accession #	Q92794; Q76L81
Molecular Weight	Calculated MW: 225 kDa Observed MW: 250kDa
NCBI Official Full Name	histone acetyltransferase KAT6A isoform 1
NCBI Official Synonym Full Names	lysine acetyltransferase 6A
NCBI Official Symbol	KAT6A
NCBI Official Synonym Symbols	MOZ; MRD32; MYST3; MYST-3; ZNF220; RUNXBP2; ZC2HC6A
NCBI Protein Information	histone acetyltransferase KAT6A
UniProt Protein Name	Histone acetyltransferase KAT6A
UniProt Gene Name	KAT6A
UniProt Synonym Gene Names	MOZ; MYST3; RUNXBP2; ZNF220; MYST-3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

