

KAT6B Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56547**Specification****KAT6B Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q8WYB5
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	230 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KAT6B
Epitope Specificity	1151-1250/2073
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
SIMILARITY	Belongs to the MYST (SAS/MOZ) family. Contains 1 C2HC-type zinc finger. Contains 1 H15 (linker histone H1/H5 globular) domain. Contains 2 PHD-type zinc fingers. Autoacetylated.
Post-translational modifications	Note=A chromosomal aberration involving MYST4 may be a cause acute myeloid leukemias. Translocation t(10;16)(q22;p13) with CREBBP.
DISEASE	
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

The protein encoded by this gene is a histone acetyltransferase and component of the MOZ/MORF protein complex. In addition to its acetyltransferase activity, the encoded protein has transcriptional activation activity in its N-terminal end and transcriptional repression activity in its C-terminal end. This protein is necessary for RUNX2-dependent transcriptional activation and could be involved in brain development. Mutations have been found in patients with genitopatellar syndrome. A translocation of this gene and the CREBBP gene results in acute myeloid leukemias. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2012]

KAT6B Polyclonal Antibody - Additional Information**Gene ID 23522**

Other Names

Histone acetyltransferase KAT6B, 2.3.1.48, Histone acetyltransferase MOZ2, MOZ, YBF2/SAS3, SAS2 and TIP60 protein 4, MYST-4, Monocytic leukemia zinc finger protein-related factor, KAT6B, KIAA0383, MORF, MOZ2, MYST4

Target/Specificity

Ubiquitously expressed, with high levels in heart, pancreas, testis and ovary.

Dilution

IHC-P~~N/A
IHC-F~~N/A
IF~~1:50~200
ICC~~N/A
E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

KAT6B Polyclonal Antibody - Protein Information

Name KAT6B

Synonyms KIAA0383, MORF, MOZ2, MYST4

Function

Histone acetyltransferase which may be involved in both positive and negative regulation of transcription. Required for RUNX2- dependent transcriptional activation. May be involved in cerebral cortex development. Component of the MOZ/MORF complex which has a histone H3 acetyltransferase activity.

Cellular Location

Nucleus.

Tissue Location

Ubiquitously expressed, with high levels in heart, pancreas, testis and ovary.

KAT6B Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KAT6B Polyclonal Antibody - Images