

KAT6B Rabbit pAb

CatalogNo: YN0136

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 228kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 1170-1250

Specificity KAT6B Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name KAT6B KIAA0383 MORF MOZ2 MYST4

Protein Name Histone acetyltransferase KAT6B (Histone acetyltransferase MOZ2) (MOZ, YBF2/SAS3, SAS2 and TIP60 protein 4) (MYST-4) (Monocytic leukemia zinc finger protein-related factor)

Organism	Gene ID	UniProt ID
Human	23522;	Q8WYB5;
Mouse		Q8BRB7;

Cellular Localization Nucleus .

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

Function Catalytic activity:Acetyl-CoA + histone = CoA + acetylhistone. ,Disease:A chromosomal aberration involving MYST4 may be a cause acute myeloid leukemias. Translocation t (10;16) (q22;p13) with CREBBP. ,Domain:The N-terminus is involved in transcriptional activation while the C-terminus is involved in transcriptional repression. ,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. ,PTM:Autoacetylated. ,sequence Caution:Contaminating sequence. Potential poly-A sequence. ,similarity:Belongs to the MYST (SAS/MOZ) family. ,similarity:Contains 1 C2HC-type zinc finger. ,similarity:Contains 2 PHD-type zinc fingers. ,subunit:Component of the MOZ/MORF composed at least of ING5 , MYST3/MOZ , MYST4/MORF and one of BRPF1 , BRD1/BRPF2 and BRPF3. Interacts with RUNX1 and RUNX2. ,tissue specificity:Ubiquitously expressed , with high levels in heart , pancreas , testis and ovary. ,

Validation Data

Contact information

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KAT6B Rabbit pAb

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