组蛋白乙酰转移酶 MORF 抗体

产品货号： mlR17077

英文名称： KAT6B

中文名称： 组蛋白乙酰转移酶 MORF 抗体

别　　名： DKFZp313G1618; FLJ90335; Histone acetyltransferase MORF; Histone acetyltransferase MOZ2; Histone acetyltransferase MYST4; KAT 6B; KIAA0383; Monocytic leukemia zinc finger protein related factor; Monocytic leukemia zinc finger protein-related factor; MOZ 2; MOZ; MOZ related factor; MOZ YBF2/SAS3 SAS2 and TIP60 protein 4; MOZ2; MYST 4; MYST histone acetyltransferase (monocytic leukemia) 4; MYST protein 4; MYST-4; MYST4; MYST4_HUMAN; OTTHUMP00000019866; OTTHUMP00000019867; OTTHUMP00000019869; OTTHUMP00000019870; QKF.

研究领域： 细胞生物　转录调节因子　表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Pig, Cow, Sheep,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 230kDa

细胞定位： 细胞核

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human KAT6B:1151-1250/2073

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. 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.

PubMed : PubMed

产品介绍 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]

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.

Subcellular Location:

Nucleus.

Tissue Specificity:

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

Post-translational modifications:

Autoacetylated.

DISEASE:

Note=A chromosomal aberration involving MYST4 may be a cause acute myeloid leukemias. Translocation t(10;16)(q22;p13) with CREBBP.

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.

SWISS:

Q8WYB5

Gene ID:

23522

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.