

For Research Use Only

# KAT6B/MORF Recombinant monoclonal antibody

Catalog Number: 86962-12-RR



## Basic Information

**Catalog Number:**

86962-12-RR

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

BC150618

**GeneID (NCBI):**

23522

**UNIPROT ID:**

Q8WYB5

**Full Name:**

MYST histone acetyltransferase (monocytic leukemia) 4

**Calculated MW:**

2073 aa, 231 kDa

**Observed MW:**

231-250 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

253286G3

**Recommended Dilutions:**

WB: 1:5000-1:50000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human

**Positive Controls:**

WB: BxPC-3 cells, PC-3 cells, U-251 cells, SK-BR-3 cells, MDA-MB-231 cells, LN-229 cells

## Background Information

KAT6B (also known as MORF or MYST4) is a member of the MYST family of histone acetyltransferases that catalyzes acetylation of histones H3 and H4, thereby regulating chromatin structure and gene transcription. It plays essential roles in brain development, hematopoiesis, and skeletal morphogenesis. Mutations in the KAT6B gene cause developmental disorders such as Genitopatellar syndrome and Ohdo syndrome, while chromosomal translocations generating KAT6B-CREBBP fusion proteins drive a subset of acute myeloid leukemia.

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

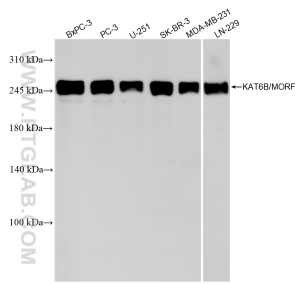
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86962-12-RR (MYST4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.