# TIP60 Rabbit pAb

CatalogNo: YT4664

## Key Features

| Host Species | Reactivity | Applications |
|---|---|---|
| • Rabbit | • Human,Mouse | • IHC,IF,ELISA |

| MW | Isotype |
|---|---|
| • 59kD (Calculated) | • IgG |

## Recommended Dilution Ratios

**IHC 1:100-1:300**
**IF 1:200-1:1000**
**ELISA 1:5000**
**Not yet tested in other applications.**

## Storage

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|---|---|
| **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. |

## Basic Information

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|---|---|
| **Clonality** | Polyclonal |

## Immunogen Information

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|---|---|
| **Immunogen** | The antiserum was produced against synthesized peptide derived from human TIP60. AA range:52-101 |
| **Specificity** | TIP60 Polyclonal Antibody detects endogenous levels of TIP60 protein. |

## Target Information

**Gene name** KAT5

**Protein Name** Histone acetyltransferase KAT5

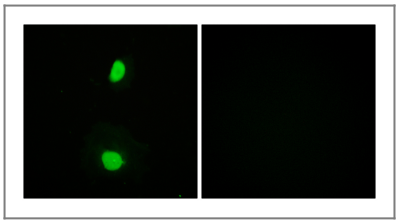
| Organism | Gene ID | UniProt ID |
|---|---|---|
| Human | 10524; | Q92993; |
| Mouse | 81601; | Q8CHK4; |

**Cellular Localization** Nucleus . Chromosome . Cytoplasm . Chromosome, centromere, kinetochore . Cytoplasm, cytoskeleton, spindle pole . Nucleus, nucleolus . Cytoplasm, perinuclear region . Upon stimulation with EDN1, it is exported from the nucleus to the perinuclear region and UV irradiation induces translocation into punctuate subnuclear structures named nuclear bodies (PubMed:11262386). Transiently localizes to kinetochores in early mitosis (PubMed:26829474). Localizes to spindle poles when chromosomes align during metaphase (PubMed:34608293). Localizes in the cytoplasm and nucleus of round spermatids (By similarity). .

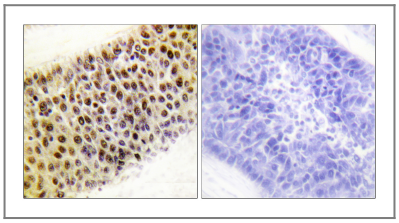
**Tissue specificity** Brain,

**Function** negative regulation of transcription from RNA polymerase II promoter, regulation of cytokine production, negative regulation of cytokine production, DNA metabolic process, DNA repair, double-strand break repair, chromatin organization, chromatin assembly or disassembly, transcription, regulation of transcription, DNA-dependent, regulation of transcription from RNA polymerase II promoter, protein amino acid acetylation, response to DNA damage stimulus,DNA damage response, signal transduction by p53 class mediator resulting in transcription of p21 class mediator,intracellular signaling cascade, negative regulation of biosynthetic process, positive regulation of biosynthetic process,regulation of specific transcription from RNA polymerase II promoter, negative regulation of specific transcription from RNA polymerase II promoter, positive regulation of macromolecule biosynthetic process, negative regulation of macromolecule biosynthetic process, positive regulation of macromolecule metabolic process, negative regulation of macromolecule metabolic process, positive regulation of gene expression, negative regulation of gene expression,negative regulation of transcription, chromatin modification, covalent chromatin modification, histone modification,histone acetylation, DNA damage response, signal transduction by p53 class mediator, steroid hormone receptor signaling pathway, androgen receptor signaling pathway, intracellular receptor-mediated signaling pathway, negative regulation of cellular biosynthetic process, positive regulation of cellular biosynthetic process, negative regulation of gene-specific transcription, regulation of gene-specific transcription, regulation of interleukin-2 production, negative regulation of interleukin-2 production, cellular response to stress, regulation of growth, DNA damage response, signal transduction, DNA damage response, signal transduction resulting in transcription, protein amino acid acylation,regulation of transcription, negative regulation of transcription, DNA-dependent, positive regulation of transcription, DNA-dependent, negative regulation of nucleobase, nucleoside, nucleotide and nucleic acid metabolic process, positive regulation of nucleobase, nucleoside, nucleotide and nucleic acid metabolic process, positive regulation of transcription, positive regulation of transcription from RNA polymerase II promoter, negative regulation of nitrogen compound metabolic process, positive regulation of nitrogen compound metabolic process, negative regulation of multicellular organismal process, regulation of RNA metabolic process, negative regulation of RNA metabolic process,positive regulation of RNA metabolic process, chromosome organization,

## Validation Data



Immunofluorescence analysis of HeLa cells, using TIP60 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue, using TIP60 Antibody. The picture on the right is blocked with the synthesized peptide.

## Contact information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