

Product datasheet for **TA812334BM**

KAT5 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI6E1]

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI6E1 |
| Applications: | WB |
| Recommended Dilution: | WB 1:500 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Human recombinant protein fragment corresponding to amino acids 227-504 of human KAT5 (NP_006379) produced in E.coli. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol. |
| Concentration: | 0.5 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | HRP |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 58.4 kDa |
| Gene Name: | lysine acetyltransferase 5 |
| Database Link: | NP_006379 Entrez Gene 81601 Mouse Entrez Gene 192218 Rat Entrez Gene 10524 Human Q92993 |



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Background:

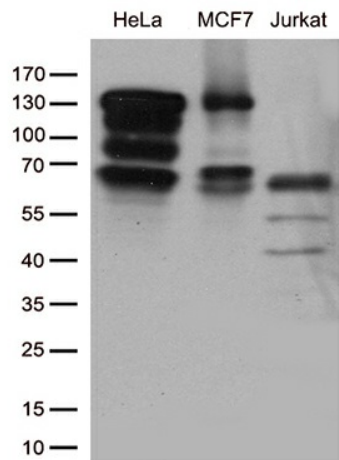
The protein encoded by this gene belongs to the MYST family of histone acetyl transferases (HATs) and was originally isolated as an HIV-1 TAT-interactive protein. HATs play important roles in regulating chromatin remodeling, transcription and other nuclear processes by acetylating histone and nonhistone proteins. This protein is a histone acetylase that has a role in DNA repair and apoptosis and is thought to play an important role in signal transduction. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul 2008]

Synonyms:

cPLA2; ESA1; HTATIP; HTATIP1; NEDFASB; PLIP; TIP; TIP60; ZC2HC5

Protein Families:

Druggable Genome, Transcription Factors

Product images:

Western blot analysis of extracts (35ug) from cell lines and/or tissue lysates by using anti-KAT5 monoclonal antibody (1:500).