

## Product datasheet for **TA812334S**

### **KAT5 Mouse Monoclonal Antibody [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 and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
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:	<a href="#">NP_006379</a> <a href="#">Entrez Gene 81601 Mouse</a> <a href="#">Entrez Gene 192218 Rat</a> <a href="#">Entrez Gene 10524 Human</a> <a href="#">Q92993</a>



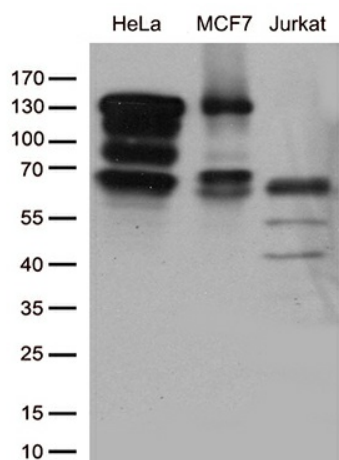
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**Background:** The protein encoded by this gene belongs to the MYST family of histone acetyl transferases (HATs) and was originally isolated as an HIV-1 TAT-interactive protein. HATs play important roles in regulating chromatin remodeling, transcription 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).