

Datasheet for ABIN387933
anti-KAT5 antibody (N-Term)

2 Images

1 Publication

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Overview

Quantity:	400 µL
Target:	KAT5
Binding Specificity:	AA 33-64, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KAT5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This KAT5 / Tip60/HTATIP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 33-64 amino acids from the N-terminal region of human KAT5 / Tip60/HTATIP.
Clone:	RB05776
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	KAT5
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Target Details

Alternative Name:	KAT5 / Tip60/HTATIP (KAT5 Products)
Background:	HTATIP 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.
Molecular Weight:	58582
Gene ID:	10524
NCBI Accession:	NP_001193762 , NP_006379 , NP_874368 , NP_874369
UniProt:	Q92993
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

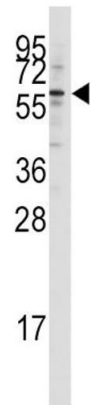
Product cited in:	Curioni-Fontecedro, Knights, Tinguely, Nuber, Schneider, Thomson, von Boehmer, Bossart, Pahlich, Gehring, Moch, Renner, Knuth, Zippelius: "MAGE-C1/CT7 is the dominant cancer-testis
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antigen targeted by humoral immune responses in patients with multiple myeloma." in: **Leukemia**, Vol. 22, Issue 8, pp. 1646-8, (2008) ([PubMed](#)).

Dubovsky, Albertini, McNeel: "MAD-CT-2 identified as a novel melanoma cancer-testis antigen using phage immunoblot analysis." in: **Journal of immunotherapy (Hagerstown, Md. : 1997)**, Vol. 30, Issue 7, pp. 675-83, (2007) ([PubMed](#)).

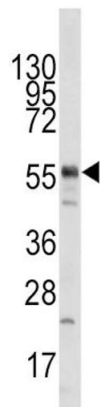
Kondo, Zhu, Asa, Ezzat: "The cancer/testis antigen melanoma-associated antigen-A3/A6 is a novel target of fibroblast growth factor receptor 2-IIIb through histone H3 modifications in thyroid cancer." in: **Clinical cancer research : an official journal of the American Association for Cancer Research**, Vol. 13, Issue 16, pp. 4713-20, (2007) ([PubMed](#)).

Images



Western Blotting

Image 1. Western blot analysis of anti-HTATIP Pab (ABIN387933 and ABIN2844453) in Jurkat cell line lysates (35 µg/lane). HTATIP(arrow) was detected using the purified Pab.



Western Blotting

Image 2. Western blot analysis of anti-HTATIP Pab (ABIN387933 and ABIN2844453) in mouse liver tissue lysate (35 µg/lane). HTATIP(arrow) was detected using the purified Pab.