

Datasheet for ABIN2780773  
**anti-KAT5 antibody (C-Term)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	KAT5
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Cow, Goat, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KAT5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Sequence:	LQYLNLYY KGQYILTSE DIVDGERAM LKRLLRIDSK CLHFTPKDWS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against KAT5. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	KAT5
Alternative Name:	KAT5 ( <a href="#">KAT5 Products</a> )
Background:	The protein encoded by this gene belongs to the MYST family of histone acetyl transferases

## Target Details

(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.

Alias Symbols: ESA1, HTATIP, HTATIP1, PLIP, TIP, TIP60, cPLA2

Protein Interaction Partner: SOX5, SIRT1, MTUS2, NINL, IKZF3, TMCC2, ESR1, PHC2, TRIM23, APBB1, STX11, ZBTB14, TUFT1, TRIM27, ODC1, TRIM37, MEOX2, MDFI, HDAC1, GOLGA2, ZBTB8A, KRTAP10-3, KRTAP10-9, PIH1D3, ZNF513, KRT40, SSX2IP, LONRF1, LZTS2, HMBOX1, CCDC136, GMCL1P1, GMCL1, ZBTB7B,

Protein Size: 461

Molecular Weight: 53 kDa

Gene ID: 10524

NCBI Accession: [NM\\_182709](#), [NP\\_874368](#)

UniProt: [Q92993](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#)

## Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 461 AA

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

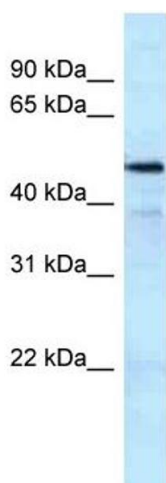
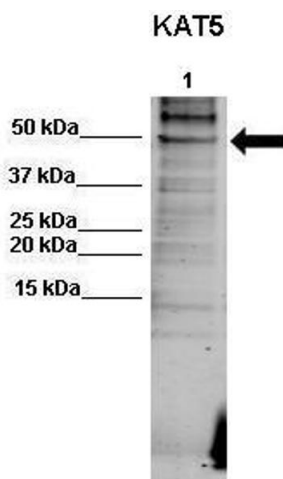
Handling Advice: Avoid repeated freeze-thaw cycles.

## Handling

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Images



### Western Blotting

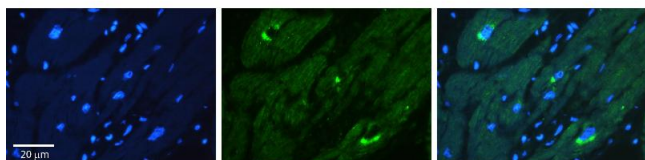
**Image 1.** WB Suggested Anti-KAT5 Antibody Positive Control: Lane 1: 50ug human RKO lysate Primary Antibody Dilution : 1:500 Secondary Antibody : Goat anti-rabbit-Alexa Fluor 680 Secondary Antibody Dilution : 1:5000 Submitted by: Dr. Syed Morshed

### Western Blotting

**Image 2.** WB Suggested Anti-KAT5 Antibody Titration: 1.0 ug/ml Positive Control: HT1080 Whole Cell There is BioGPS gene expression data showing that KAT5 is expressed in HT1080

### Immunohistochemistry

**Image 3.** Rabbit Anti-KAT5 Antibody Catalog Number: ARP38792\_P050 Formalin Fixed Paraffin Embedded Tissue: Human heart Tissue Observed Staining: Cytoplasmic Primary Antibody Concentration: 1:100 Other Working Concentrations: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec



Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2780773.