

**Product Name: KAT1 Rabbit Monoclonal antibody**  
**Catalog #: AMRe02186**



## Summary

<b>Production Name</b>	KAT1 Rabbit Monoclonal antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-F,IHC-P,ICC/IF,IP
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	HAT1
<b>Alternative Names</b>	hat1; KAT1
<b>Gene ID</b>	8520
<b>SwissProt ID</b>	O14929.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200 IP: 1:20
<b>Molecular Weight</b>	Calculated MW: 50 kDa; Observed MW: 45 kDa

## Background

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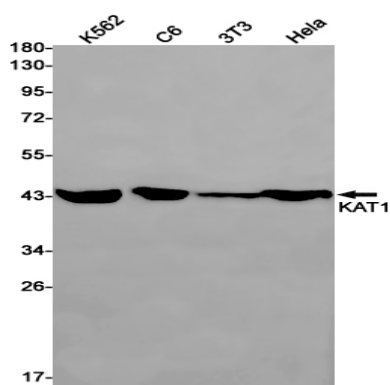


Acetylates soluble but not nucleosomal histone H4 at 'Lys-5' (H4K5ac) and 'Lys-12' (H4K12ac) and, to a lesser extent, acetylates histone H2A at 'Lys-5' (H2AK5ac). Has intrinsic substrate specificity that modifies lysine in recognition sequence GXGKXG.

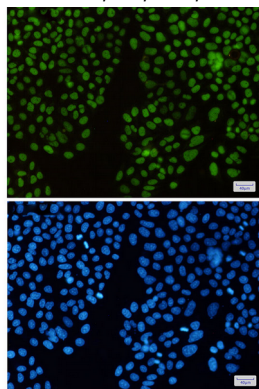
## Research Area

Epigenetics and Nuclear Signaling

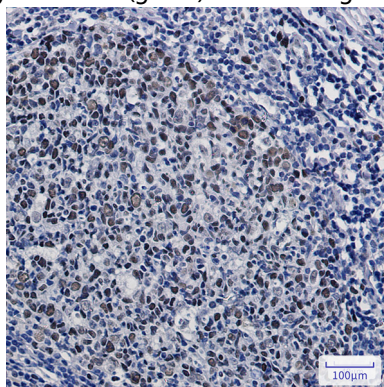
## Image Data



Western blot analysis of KAT1 in K562, C6, 3T3, HeLa lysates using KAT1 antibody.



Immunocytochemistry analysis of KAT1(green) in HeLa using KAT1 antibody, and DAPI(blue)



Immunohistochemistry analysis of paraffin-embedded Human tonsil using KAT1/HAT1 antibody. High-pressure and

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temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

**Note**

For research use only.