

Product Name: KAT1 Rabbit Monoclonal Antibody
Catalog #: AMRe01475



Summary

Production Name	KAT1 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-P,IP
Reactivity	Human,Mouse,Rat

Performance

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

Immunogen

Gene Name	HAT1
Alternative Names	hat1; KAT1
Gene ID	8520
SwissProt ID	O14929.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100 IP: 1:20
Molecular Weight	Calculated MW: 50 kDa; Observed MW: 45 kDa

Background

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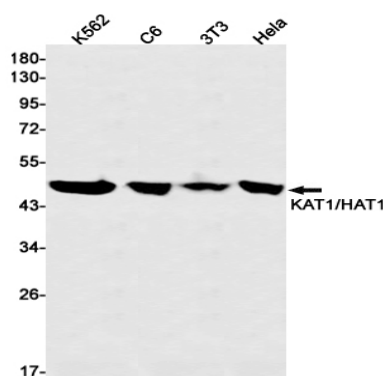


Acetylates soluble but not nucleosomal histone H4 at 'Lys-5' (H4K5ac) and 'Lys-12' (H4K12ac) and, to a lesser extent, acetylates histone H2A at 'Lys-5' (H2AK5ac). Has intrinsic substrate specificity that modifies lysine in recognition sequence GXGKXG.

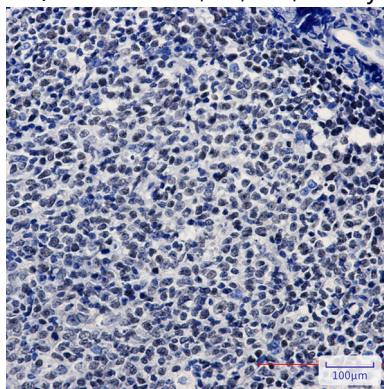
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of KAT1/HAT1 in K562, C6, 3T3, HeLa lysates using KAT1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using KAT1/HAT1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.