Product Name: KAT1 Rabbit Monoclonal Antibody
Catalog #: AMRe02186

Summary

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

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
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% BSA
Purification	Affinity Purified

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 IF: 1/50-1/200 IP: 1/20
Molecular Weight	Calculated MW: 50 kDa; Observed MW: 45 kDa

Background

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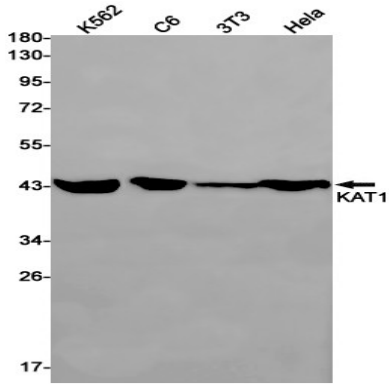
Acetylates soluble but not nucleosomal histone H4 at 'Lys-5' (H4K5ac) and 'Lys-12' (H4K12ac) and, to a lesser extent, acetylates histone H2A at 'Lys-5' (H2AK5ac). Has intrinsic substrate specificity that modifies lysine in recognition sequence GXGKXG.

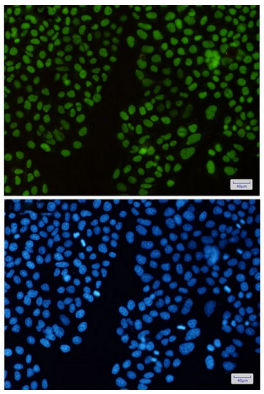
Research Area

Epigenetics and Nuclear Signaling

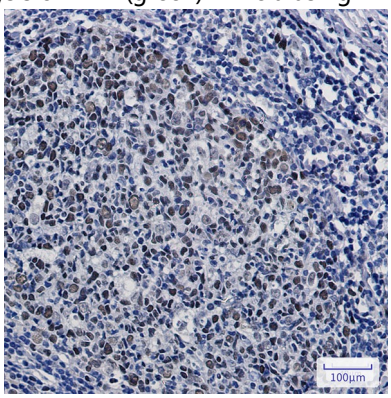
Image Data



Western blot analysis of KAT1 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

temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.