antibodies.

Datasheet for ABIN387932 anti-HAT1 antibody (C-Term)

3 Images



Overview

Quantity:	400 µL
Target:	HAT1
Binding Specificity:	AA 389-419, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HAT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This KAT1 (HAT1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 389-419 amino acids from the C-terminal region of human KAT1 (HAT1).
Clone:	RB5769
lsotype:	Ig Fraction
Predicted Reactivity:	M, Rat

This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

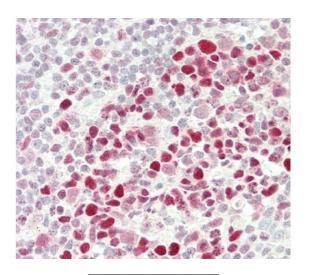
Purification:

HAT1

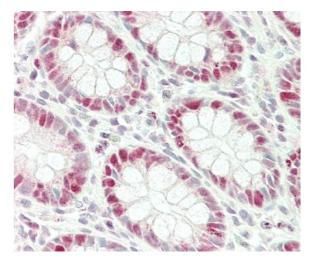
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Target Details		
Alternative Name:	KAT1 (HAT1) (HAT1 Products)	
Background:	Histone acetylation, particularly of histone H4, has been proposed to play an important role in replication-dependent nucleosome assembly. The HAT1 protein contains D, A, and B motifs, which are present in many N-acetyltransferases, including those that acetylate substrates other than histones. The HAT1 holoenzyme consists of 2 subunits: the catalytic 46-kD HAT1 and the accessory p46. The p46 subunit stimulated the activity of HAT1 and bound to core histones. The HAT1 holoenzyme acetylated newly synthesized but not nucleosomal histone H4 at lys5 and lys12, and, to a lesser extent, histone H2A at lys5. HAT1 and p46 polypeptides are located in the nucleus of S-phase cells. HAT1 may play a role in telomeric silencing.	
Molecular Weight:	49513	
Gene ID:	8520	
NCBI Accession:	NP_003633	
UniProt:	014929	
Application Details		
Application Notes:	WB: 1:1000. IHC-P: 1:100. IHC-P: 1:100	
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 smal aliquots to prevent freeze-thaw cycles.	
Expiry Date:	6 months	

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95 72 55 **3**6 28



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded H.tonsil tissue reacted with KAT1 (HAT1) Antibody (C-term) (ABIN387932 and ABIN2844437).

Western Blotting

Image 2. Western blot analysis of hHAT1- (ABIN387932 and ABIN2844437) in 293, HepG2, Jurkat cell line lysates (35μ g/lane). HAT1 (arrow) was detected using the purified Pab.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded H.colon tissue reacted with KAT1 (HAT1) Antibody (C-term) (ABIN387932 and ABIN2844437).

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