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anti-HAT1 antibody (N-Term)



Image



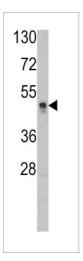
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Quantity:	400 μL	
Target:	HAT1	
Binding Specificity:	AA 27-58, N-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This HAT1 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	This KAT1 (HAT1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 27-58 amino acids from the N-terminal region of human KAT1 (HAT1).	
Clone:	RB5768	
Isotype:	Ig Fraction	
Predicted Reactivity:	M, Rat	
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.	
Target Details		
Target:	HAT1	

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	
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 small	
	aliquots to prevent freeze-thaw cycles.	
Expiry Date:	6 months	



Western Blotting

Image 1. Western blot analysis of KAT1 (HAT1) Antibody (N-term) (ABIN387931 and ABIN2844436) in HL60 cell line lysates (35 μ g/lane). HAT1 (arrow) was detected using the purified Pab.