

HAT1 Polyclonal Antibody

Cat No: HR1AP8915

For research use only

Overview

Product Name	HAT1 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	49kDa
GeneID?Human?	HAT1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	HAT1; KAT1; Histone acetyltransferase type B catalytic subunit; Histone acetyltransferase 1
Background	histone acetyltransferase 1(HAT1) Homo sapiens The protein encoded by this gene is a type B histone acetyltransferase (HAT) that is involved in the rapid acetylation of newly synthesized cytoplasmic histones, which are in turn imported into the nucleus for de novo deposition onto nascent DNA chains. Histone acetylation, particularly of histone H4, plays an important role in replication-dependent chromatin assembly. Specifically, this HAT can acetylate soluble but not nucleosomal histone H4 at lysines 5 and 12, and to a lesser degree, histone H2A at lysine 5. Alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq, Jun 2009],