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Datasheet for ABIN7450314  
**anti-HAT1 antibody (AA 369-419)**

### Overview

Quantity:	100 µg
Target:	HAT1
Binding Specificity:	AA 369-419
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HAT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

### Product Details

Purpose:	Rabbit anti-HAT1/KAT1 Antibody, Affinity Purified
Immunogen:	Between AA 369 and 419
Isotype:	IgG
Predicted Reactivity:	Rat
Purification:	Affinity Purified

### Target Details

Target:	HAT1
Alternative Name:	HAT1/KAT1 ( <a href="#">HAT1 Products</a> )
Background:	Background: Histone acetyltransferase 1 (HAT1) is a type B histone acetyltransferase (HAT)

## Target Details

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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 [taken from NCBI Entrez Gene (Gene ID: 8520)].

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Gene ID: 8520

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UniProt: [O14929](#)

## Application Details

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Application Notes: IP: 2 - 10 µg/mg lysate  
WB: 1:2,000 - 1:10,000

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Restrictions: For Research Use only

## Handling

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Concentration: 1000 µg/mL

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Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C

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Expiry Date: 12 months