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## Datasheet for ABIN2797110 anti-HAT1 antibody (C-Term)

### 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)

### Product Details

Purpose:	Rabbit Anti-Human KAT1 (HAT1) (C-term) Antibody
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).
Isotype:	Ig Fraction

### Target Details

Target:	HAT1
Alternative Name:	KAT1 ( <a href="#">HAT1 Products</a> )
Background:	Target Description: 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,

## Target Details

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.

Gene Symbol: HAT1

Molecular Weight: 49513 Da

Gene ID: 8520

UniProt: [O14929](#)

## Application Details

Application Notes: Western Blot  
Recommended Dilutions  
WB: 1:1000 Western blot analysis of hHAT1-E404 was detected using the purified Pab.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 2.0 mg/mL

Storage: 4 °C, -20 °C

Storage Comment: 2-8°C (short-term), -20°C (long-term)